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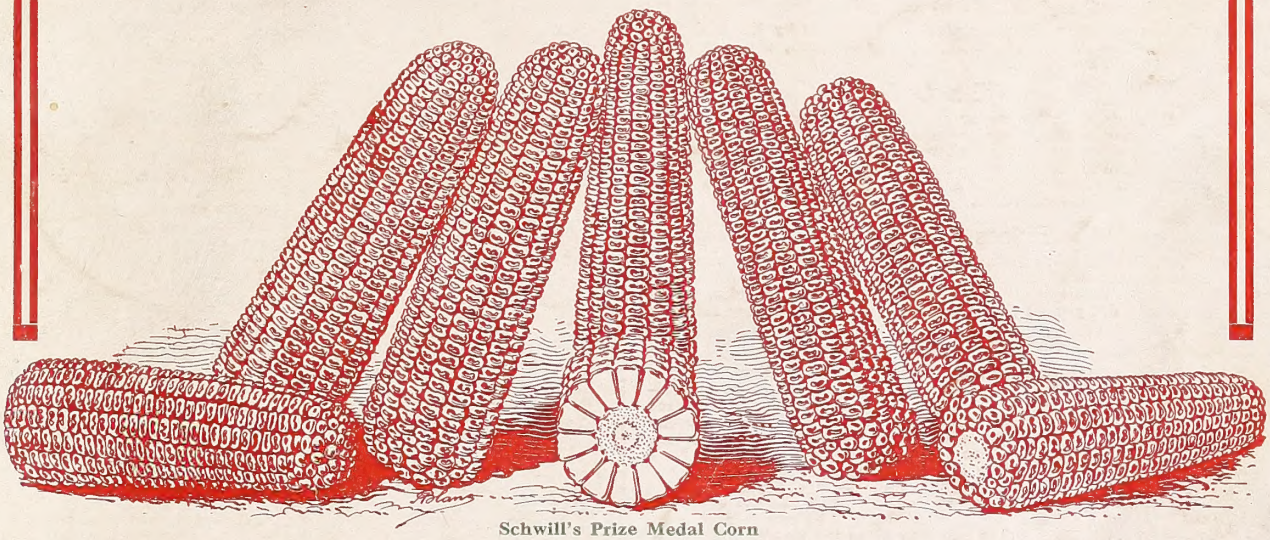
1915

46th ANNUAL CATALOGUE

OTTO SCHWILL & CO.
SEEDSMEN

ESTABLISHED 1869

Nos. 10 & 12 SO. FRONT ST. MEMPHIS, TENN.



Schwill's Prize Medal Corn

GARDEN, FARM AND FLOWER
SEEDS

Bluff City Brand—Reliable and Dependable

Everything for the Farm and Garden,
and the Poultry Raiser

1915 Annual Catalog of Schwill's Bluff City Brand Seeds

To Our Patrons and Friends:

We wish to thank our numerous customers who have shown their confidence in this company by favoring us with their patronage. These orders are highly appreciated. We want your trade again this season, and to those who have not planted our seeds, all we ask is a trial order. We promise you service and satisfaction.

Our growing trade each year is proof sufficient Schwill's Sure Seeds are right, and we have accomplished this by strict adherence to the rule laid down by the founder of this business forty-five years ago, namely, "Good seed, good service and square dealing."

Soliciting your orders, and once more thanking you for favors in the past, we remain,

Very truly yours,

OTTO SCHWILL & CO.,

Estab. 1869. Memphis, Tenn.

Office and Salesrooms, 10-12 S. Front St.
Warehouse and Elevator, Kentucky and Georgia Aves.

Parcel Post on Seeds.

We pay parcel postage on all seeds quoted by the packet, ounce, quarter-pound, pound, pint, quart, gallon and peck where noted "Parcel Post Paid." We do not pay postage on any goods unless so stated. Our prices on pages two and three do not include parcel postage. Please bear this in mind when ordering.

Seeds By Express or Freight.

We do not pay carrying charges on any heavy seeds by the bushel or bag, nor on any tools, fertilizers, trees, poultry supplies, etc., excepting where stated "Parcel Post Paid."

Cash With Order.

Please send money with the order sufficient to cover the whole bill, and remit by express money order or registered letter. Checks covering payment of goods must include 10 cents for collecting them. You will avoid delay by remitting by express or postoffice money order. We decline sending goods "Collect On Delivery" unless remittances be made on account to guarantee acceptance.

The Prices We Quote

On Grass Seed, Grains and all Farm Seeds are those ruling January 1, 1915, and are subject to change. As far as possible we will fill in full all orders for seeds that are quoted subject to variation in price, but if market values will not permit this, we will send all that money remitted will pay for.

Non-Warranty.

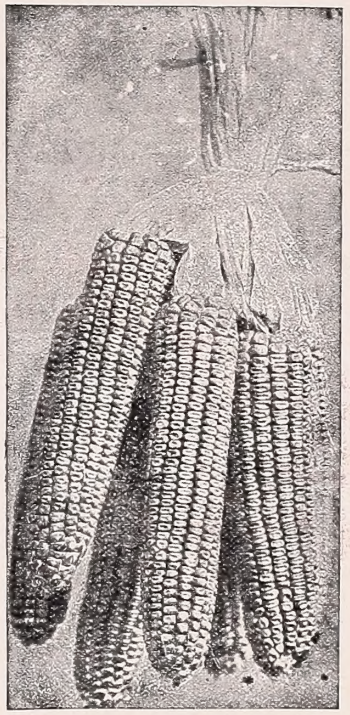
Most of the failures with seeds, plants and bulbs are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or shallow planting, etc., which renders it impossible for us to guarantee success, and although we take all possible care to supply only such goods as will, under proper conditions, produce satisfactory results, we will give no warranty as to description, quality or productiveness of any of the seeds, plants or bulbs we send out, and will not be in any way responsible for the crop, and every order for articles named in this catalogue will be executed on these conditions only. If they are not accepted on these conditions they must be returned at once. It must, however, be plain to every one who gives the matter the slightest thought, that it is to our best interest to send out only such stock as will not only grow, but prove true to name and description.

Ratekin's Pride of Nishna Corn.

A grand, glorious deep grain yellow corn, maturing in 90 days, having large ears, small red cob, grains narrow and deep, stalks strong and robust with leafy broad blades, furnishes excellent fodder and a fine ensilage variety. Pride of Nishna never fails. Makes in dry or wet seasons on all soils. Don't fail to plant it. **Price, qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.00.**

Ratekin's Mammoth Yellow Dent Corn.

A superb large ear variety, maturing in about 100 days. On good soil will average 75 bushels to the acre. Ears a bright golden yellow, large grains. Sure to give the best satisfaction. **Price, qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.00.**



Ratekin's Diamond Joe Big White Corn.

Ratekin's Seed Corn.

Genuine stock from the originators, Ratekin's Seed Co., Shenandoah, Iowa, all selected, pure bred and of highest germination. These corns do well in the South, mature early before any summer drouth sets in, in fact, they are all practically 90 to 100-day corns, maturing if planted in April, by August 10.

Ratekin's Diamond Joe Big White.

The corn that made 146 bushels to the acre. Ears pure white, medium size, grains average depth and size, stalk strong and robust, bearing two good ears on an average, matures early, about 100 days, therefore well adapted for drouthy sections. Acknowledged by planters and corn growers everywhere as the "King of All White Corns."

Price, qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.25.

Ratekin's Iowa Silver Mine.

Especially well adapted for poor or thin land. The ears average eight inches and always fill to the ends, grains pure white, firm in texture but not flinty, therefore has proven a splendid variety for the South, eliminating the extra hard flinty features so objectionable with some varieties, yet it is firm enough to keep from rotting, as most soft corns do in the South. Matures in 90 to 95 days, and is a big yielder. **Price, qt., 30c; 4 qts., 70c; pk., $1.15, parcel post paid. By freight, not prepaid, 4 qts., 45c; pk., 65c; bu., $2.00.**

Ratekin's Yellow Leaming Corn.

Ears medium in size, orange yellow, small grains, quick maturing, generally 90 days; having a medium cob it dries quickly. This is the genuine Leaming Corn, selected and grown right, and will give customers best results. If you want an early quick maturing corn, plant Leaming. **Price, qt., 30c; 4 qts., 70c; pk., $1.15, parcel post paid. By freight, not prepaid, 4 qts., 45c; pk., 70c; bu., $2.00.**

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S. C. TOOF & CO., PRINTERS, MEMPHIS

1915 Garden Calendar

Monthly Operations for the Garden for the Different Months of the Year—When and What to Plant

The time for planting seeds, etc., as given in the different months below, must, of course, be governed by the weather and condition of the ground.

1915 JANUARY 1915

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

1915 FEBRUARY 1915

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

1915 MARCH 1915

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

1915 APRIL 1915

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

1915 MAY 1915

Su	Mo	Tu	We	Th	Fr	Sa
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23/30	24/31	25	26	27	28	29

1915 JUNE 1915

Su	Mo	Tu	We	Th	Fr	Sa
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

JANUARY—Get the hotbeds ready and sow Cabbage, Tomatoes, Lettuce, Cauliflower, Beets, Onions and Kohl Rabi. Sow out doors Spring Turnips, Mustard, Spinach, and Extra Early Peas if weather is moderated.

FEBRUARY—Plant Extra Early and Marrowfat Peas. Plant Potatoes for general crop. Sow Radishes, Turnips, Mustard, Spinach and Onion Seed in open ground. Sow in hotbeds Beets, Pepper, Egg Plant and Tomato Seeds. Plant Onion Sets. Plant your Sweet Peas in the flower garden now.

MARCH—This is an active month in this section. Sow English Peas—the wrinkled varieties can now be planted. Sow outdoors Carrots, Parsley, Cabbage, Beets, Lettuce, Salsify, Parsnips, Leek and Onion Seeds. Early Corn can be planted about the 15th. Onion sets can yet be planted. This is also a good month for planting Potatoes. Put out Asparagus, Rhubarb and Horse Radish roots. Set Cabbage and Cauliflower Plants. Sow hardy kinds of Flower Seeds, also Sweet Peas. Plant Roses.

APRIL—Sow Beets, Carrots, Lettuce, Parsley, Endive, Parsnips, Salsify, Radishes, Leek, Mustard, Turnips, Cress, Swiss Chard, Celery, Tomatoes, Cucumbers, Squash, Sweet Corn; in fact, almost everything can now be planted. Plant Bush Snap Beans. Potatoes can be planted. Cabbage, Lettuce, Beets, Cauliflower and Tomato Plants should be set out. Plant Tuberose, Dahlia, Gladiolus and Canna Bulbs, Flower Seeds.

MAY—Seeds of all kinds can now be planted. Bush Beans, Pole Beans, Lima Beans, Sugar Corn, Beets, Salsify, Parsnips, Squash, Cucumber, Okra, Cantaloupe, Watermelon, Pumpkin, Egg Plant, Peppers, Cress, Carrots, Lettuce, Endive and Kohl Rabi; Herbs of all sorts. Set out Tomato, Egg Plants, Pepper Plants.

JUNE—Plant Sugar and other Early Corns, Cucumbers, Melons, Squash, Pumpkins; set out Sweet Potatoes, Egg and Pepper Plants. Sow Radishes, Endive, Collards and Cabbage for late use. Bunch Beans, Pole Beans. Tomato Seed for late use, Okra.

JULY—Plant Cucumbers, Tomatoes and Cabbage Seed for late crop, also Pole and Bush Beans, Corn for roasting ears. Commence sowing Rutabagas and a few Turnips. Plant Okra, Squash, Lettuce and Summer Radishes.

AUGUST—Now is the time to start a fall garden. Sow Kale, Lettuce, Early and Winter Radishes, Turnips, and Rutabagas, Mustard, Beets, Parsley, Cucumbers, Squash, Collards and late Cabbage. Plant Potatoes for a second crop. Set out late Tomato and Cabbage Plants.

SEPTEMBER—Sow Radishes, Corn Salad, Lettuce, Mustard, Kale, Spinach, Endive, Turnips of all sorts; Onion Seed for transplanting. Set out Shallots and Onion Sets, also late Cabbage Plants.

OCTOBER—Sow Kale, Spinach, Corn Salad and Winter Radishes. Sow outside Cabbage for transplanting into cold frames next month. Lettuce in beds for winter use. Set out Shallots and Onion Sets.

NOVEMBER—Shallots and Onion can be planted, and cover the rows with some fresh manure. Sow outdoors Spinach and Corn Salad. In the hotbed, Beets, Cabbage and Cauliflower. Put outdoors all kinds of Dutch Bulbs.

DECEMBER—Very little can be done this month. Sow Cauliflower and Cabbage and Beets for spring use. Sow in frames some early forcing Radish, also Lettuce.

1915 JULY 1915

Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

1915 AUGUST 1915

Su	Mo	Tu	We	Th	Fr	Sa
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

1915 SEPTEMBER 1915

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

1915 OCTOBER 1915

Su	Mo	Tu	We	Th	Fr	Sa
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24/31	25	26	27	28	29	30

1915 NOVEMBER 1915

Su	Mo	Tu	We	Th	Fr	Sa
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

1915 DECEMBER 1915

Su	Mo	Tu	We	Th	Fr	Sa
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Bulk Price List of Schwill's Sure Seeds for Market Gardeners and Truckers

1915 1915

AT prices quoted on this BULK LIST, there are no further discounts or premiums. We have made everything at close figures, which are net f. o. b. Memphis for shipment by express or freight at purchaser's expense. Plant BLUFF CITY SEEDS. They bring results; are true to name. Strictly new crop, especially selected for market gardeners. Write for special prices on SEED POTATOES, ONION SETS AND SEED CORN.

The following prices are free on board Memphis, subject to change of the market. Terms, cash with order. Postage, express or freight charges must be paid by the purchaser. Two bushel seamless bags 20 cents extra. If seeds are wanted by mail that are quoted on this Bulk List, postage at the rate of 7 cents per pound must be added to these quotations.

BEANS, BUSH (Green Pod)	4 Qts.	Pk.	Bu.
Black Valentine	$1.25	$2.50	$9.00
Burpee's Stringless Green Pod	1.25	2.50	9.00
Giant Stringless Green Pod	1.00	1.75	7.00
Hopkins Earliest Valentine	1.00	2.00	7.50
Improved Red Valentine	.90	1.75	7.00
Mohawk Early Six Weeks	.75	1.50	5.50
Tennessee Green Pod	1.25	2.50	9.00

BEANS, BUSH (Wax Pod)	4 Qts.	Pk.	Bu.
Brittle Wax	$1.15	$2.25	$8.50
Currie's Rust Proof Wax	1.25	2.50	9.00
Davis Wax	1.25	2.50	9.50
Flageolet Violet Wax	1.25	2.50	9.00
German or Black Wax	1.25	2.25	8.50
Golden Wax Improved	1.25	2.50	9.00
Wardwell's Kidney Wax	1.25	2.50	9.00

BEANS, BUSH LIMA	4 Qts.	Pk.	Bu.
Burpee's Improved Bush Lima	$1.25	$2.25	$8.50
Fordhook Bush Lima	1.35	2.50	9.00
Henderson Bush Lima	1.00	2.00	7.00
Woods' Prolific Bush Lima	1.00	2.00	7.50

BEANS, POLE OR RUNNING	4 Qts.	Pk.	Bu.
Kentucky Wonder	$1.00	$2.00	$7.50
Southern Creasback	1.00	1.75	7.00
Scotia or Cornfield	1.50	2.75	10.00

BEANS, POLE LIMA	4 Qts.	Pk.	Bu.
Carolina or Sieve	$1.00	$1.75	$6.50
Large White Lima	.90	1.70	6.25
King of the Garden Lima	1.00	1.75	6.50
Schwill's Monstrous Lima	1.00	2.00	7.00

ENGLISH PEAS	4 Qts.	Pk.	Bu.
Alaska, Extra Early	$ .85	$1.50	$5.00
Ameer	1.00	1.75	6.00
American Wonder	1.00	1.75	6.50
Claudit	1.00	1.75	6.50
Champion of England	.75	1.50	5.50
Dwarf Telephone	.75	1.50	6.00
Early May	.75	1.50	5.00
First and Best Extra Early	.75	1.50	5.00
Gradus or Prosperity	1.00	2.00	7.50
Large White Marrowfat	.65	1.25	4.50
Laxatonian	1.25	2.25	9.00
McLean's Little Gem	1.00	1.75	6.50
Nott's Excelsior	1.00	1.75	6.50
Potlach or Big Dinner	1.00	2.00	7.50
Schwill's Prolific Early Market	.90	1.50	6.00
Sutton's Excelsior	.90	1.50	6.00
Schwill's Fillbasket	.75	1.50	5.50
Telephone	1.00	2.00	7.50

GARDEN CORN	4 Qts.	Pk.	Bu.
Adam's Extra Early	$ .50	$1.00	$2.75
Country Gentleman	.60	1.00	3.50
Early Large Adams	.50	1.00	2.75
Clark County Champion	.50	.75	2.50
Kendall's Early Giant	.60	1.00	3.50
Mammoth or Large Sugar	.60	1.00	3.25
Stowell's Evergreen	.60	1.00	3.25
Schwill's Delicious	.60	1.00	3.50
Schwill's Early Surprise	.50	.75	2.50
Schwill's Improved Adams	.60	1.00	2.75
Trucker's Favorite	.50	.75	2.50
White Flint	.60	1.00	3.00

BEET (Table Varieties)	¼ lb.	½ lb.	1 lb.
Crimson Globe	$ .25	$ .40	$ .75
Crosby's Early Egyptian	.25	.40	.75
Detroit Dark Blood Turnip	.40	.75	1.25
Dewing's Early Blood Turnip	.20	.35	.70
Eclipse Blood Turnip	.20	.35	.70
Extra Early Egyptian	.20	.35	.60
Early Blood Turnip	.20	.35	.60
Long Blood Red	.20	.35	.60
Market Gardener's	.40	.75	1.25
Schwill's Excelsior	.40	.75	1.25

BEET (Sugar and Mangels)	½ lb.	1 lb.	5 lb.
Golden Tankard Mangel	$ .20	$ .35	$1.50
Gate Post Yellow Mangel	.20	.35	1.50
Mammoth Long Red Mangel	.20	.35	1.50
Sludstrup Mangel	.20	.35	1.50
Giant Feeding Sugar Beet	.20	.35	1.50
Giant Half Rose Sugar	.20	.35	1.50
Klein Wanzleben Sugar	.20	.35	1.50
Lane's Imperial Sugar	.20	.35	1.50
Vilmorin's Improved Sugar	.20	.35	1.50

CABBAGE	¼ lb.	½ lb.	1 lb.
All Seasons	$ .50	$ .80	$1.60
All Head Early	.50	.75	1.50
Charleston Large Wakefield	.75	1.25	2.25
Danish Ball Head	.60	1.00	1.90
Danish Summerhead	.50	.75	1.50
Early Jersey Wakefield	.75	1.25	2.25
Early Summer Improved	.75	1.25	2.25
Early Drumhead	.50	.75	1.40
Early Flat Dutch	.75	1.25	2.25
Early Spring	.50	.80	1.60
Extra Early Express	.50	.75	1.40
Early Winningstadt	.50	.75	1.40
Glory of Enkhuizen	.50	.80	1.60
Large Late Drumhead	.50	.75	1.50
Large Late Flat Dutch	.50	.75	1.50
Large Drumhead Savoy	.50	1.00	1.75
Mammoth Marblehead	.50	.75	1.40
Surehead	.50	.90	1.75
Succession	.75	1.25	2.25
Solid South	.50	.90	1.75
Schwill's Frost Proof Drumhead	.75	1.50	2.50
Schwill's Ideal Winter	.60	1.00	2.00

CARROT	¼ lb.	½ lb.	1 lb.
Early Scarlet Horn	$ .25	$ .40	$ .80
Half Long Danvers	.25	.40	.80
Half Long Scarlet	.25	.40	.75
Improved Long Orange	.25	.40	.75
Oxheart or Guerande	.25	.45	.85

COLLARDS	¼ lb.	½ lb.	1 lb.
Georgia White Cabbage	$ .25	$ .40	$ .75
Southern or Georgia	.25	.40	.70

CELERY	¼ lb.	½ lb.	1 lb.
Columbian	$ .75	$1.50	$3.00
Golden Self Bleaching	1.50	3.00	5.50
Large White Solid	.50	1.00	1.50
White Plume	.60	1.10	2.00

Bulk Price List of Schwill's Sure Seeds for Market Gardeners and Truckers—continued

CUCUMBER	¼ lb.	½ lb.	1 lb.
Cumberland Pickle	$ .25	$ .40	$ .80
Davis Perfect	.25	50	80
Early Green Cluster	.25	.40	.75
Early Short Green	.25	.40	.80
Early Fortune	.25	.40	.80
Improved Early White Spine	.25	.40	.75
Improved Long Green	.25	.40	.75

EGG PLANT	¼ lb.	½ lb.	1 lb.
Black Beauty	$1.00	$2.00	$4.00
N. Y. Improved Purple	.90	1.75	3.50

ENDIVE	¼ lb.	½ lb.	1 lb.
Large Green Curled	$ .45	$ .75	$1.50
Philadelphia Green Curled	.50	1.00	1.75

KOHL RABI	¼ lb.	½ lb.	1 lb.
Early White Vienna	$ .50	$1.00	$1.90

KALE	¼ lb.	½ lb.	1 lb.
Dwarf German Curled	$ .20	$ .30	$ .50
Tall Green Curled Scotch	.20	.30	.50

LEEK	¼ lb.	½ lb.	1 lb.
Large London Flag	$ .50	$1.00	$1.75

LETTUCE	¼ lb.	½ lb.	1 lb.
Big Boston	$ .50	$ .75	$1.25
California Cream Butter	.45	.75	1.20
Deacon Head	.35	.60	.90
Early Curled Simpson	.35	.60	.90
Hanson Head	.35	.60	.90
Grand Rapids	.50	.75	1.40
Iceberg	.50	.75	1.25
Mammoth Black Seed Butter	.40	.65	1.00
May King	.40	.70	1.25
Passion	.45	.70	1.10
St. Louis Market	.50	.75	1.25
White Summer Cabbage Head	.40	.60	.90
Wonderful	.50	.75	1.50

MELON, CANTALOUPE	¼ lb.	½ lb.	1 lb.
Early Netted Gem	$ .25	$ .40	$ .65
Baltimore or Acme	.20	.35	.60
Burrell Gem	.25	.40	.75
Large Baltimore	.40	.75	1.25
Mammoth Rocky Ford	.45	.75	1.25
Osage Gem	.35	.60	1.00
Paul Rose	.35	.50	.90
Prolific Netted Nutmeg	.25	.40	.75
Rocky Ford	.25	.40	.75
Tip Top Nutmeg	.35	.60	1.00

MELON, WATER	¼ lb.	½ lb.	1 lb.
Angel Kiss	$ .25	$ .40	$ .70
Alabama Sweets	.20	.30	.60
Black Diamond	.15	.25	.40
Bradford	.20	.30	.60
Duke Jones	.15	.25	.45
Cuban Queen	.15	.25	.40
Florida Favorite	.15	.25	.50
Georgia Rattlesnake	.15	.25	.40
Halbert Honey	.20	.35	.60
Jackson	.25	.40	.75
Kleckley Sweets	.20	.35	.60
Kolb Gem	.15	.25	.40
Mountain Sweet	.15	.25	.40
Monte Cristo	.20	.35	.60
Sweetheart	.15	.25	.40
Temple Gray	.25	.40	.75
Tom Watson	.25	.40	.70
Triumph	.15	.25	.40
Tinker	.25	.40	.60

MUSTARD	¼ lb.	½ lb.	1 lb.
Chinese Mammoth	$ .20	$ .30	$ .50
Southern Giant Curled	.15	.25	.35

ONION	¼ lb.	½ lb.	1 lb.
Large Red Wethersfield	$ .40	$ .70	$1.00
Large Red Globe	.50	.75	1.50
Prizetaker	.40	.65	1.25
Southport White Globe	.60	1.00	1.75
Yellow Globe Danvers	.35	.50	.90
White or Silver Skin	.60	.90	1.75

ONION SETS	Gal.	Pk.	Bu.
Yellow Danvers	$ .40	$ .75	$2.25
Red Wethersfield	.40	.75	2.25
White Silver Skin	.50	.90	2.50
White Multiplier	.75	1.25	4.00
Yellow Potato Onion	.75	1.25	4.50

OKRA	¼ lb.	½ lb.	1 lb.
Early Dwarf Green	$ .15	$ .25	$ .45
Tall or Long Green	.15	.25	.40
White Velvet	.15	.25	.40

PARSLEY	¼ lb.	½ lb.	1 lb.
Double Curled	$ .25	$ .40	$ .75
Champion Moss Curled	.35	.50	.90

PARSNIP	¼ lb.	½ lb.	1 lb.
Sugar or Hollow Crown	$ .25	$ .50	$ .75

PEPPER	¼ lb.	½ lb.	1 lb.
Bell or Bull Nose	$ .50	$1.00	$1.90
Chinese Giant	1.25	2.25	4.25
Crimson Giant	1.25	2.25	4.25
Long Red Cayenne	.50	1.00	1.75

PUMPKIN	¼ lb.	½ lb.	1 lb.
Kentucky Yellow Field	$ .15	$ .25	$ .35
King of the Mammoth	.25	.50	.90
Striped Cushaw	.20	.30	.50
Tennessee Sweet Potato	.20	.30	.50

RADISH	¼ lb.	½ lb.	1 lb.
China Rose Winter	$ .20	$ .30	$ .60
Cincinnati Market	.15	.25	.40
Chartier	.20	.30	.50
Early Scarlet Turnip	.15	.30	.50
Early Scarlet Turnip White Tip	.20	.30	.50
Early Long Scarlet, Short Top	.15	.25	.40
Early White Turnip	.15	.25	.40
French Breakfast	.20	.30	.50
Icicle	.20	.30	.50
Long Black Spanish	.20	.30	.50
Round Black Spanish	.20	.30	.50
Round Scarlet China Winter	.20	.35	.60
Schwill's Perfection White Tip	.20	.30	.50
Yellow Summer Turnip	.20	.30	.50
White Vienna	.20	.30	.45

SALSIFY	¼ lb.	½ lb.	1 lb.
Mammoth Sandwich Island	$ .35	$ .60	$1.00

SQUASH	¼ lb.	½ lb.	1 lb.
Early White Bush Patty Pan	$ .20	$ .30	$ .50
Giant Yellow Crook Neck	.20	.30	.60
Hubbards	.25	.35	.65
Mammoth White Bush	.20	.30	.50
Yellow Summer Crook Neck	.20	.30	.60

SPINACH	1 lb.	5 lb.	25 lb.
Bloomsdale Curled Savoy	$ .25	$1.00	$3.75
Broad Leaf Flanders	.25	1.00	4.00
Round Leaved Summer	.25	1.00	4.00
Victoria	.25	1.00	4.00

TOMATO	¼ lb.	½ lb.	1 lb.
Acme	$ .50	$1.00	$1.90
Beauty	.50	.90	1.75
Dwarf Stone	.70	1.25	2.00
Early Detroit	.90	1.50	3.00
Earliana	.60	1.00	2.00
Livingston Perfection	.50	.75	1.60
Livingston Favorite	.50	.75	1.60
Ponderosa	.90	1.75	3.50
Stone	.60	1.00	2.00
Schwill's Premier	.90	1.50	2.50
Trucker's Favorite	.60	1.00	2.00

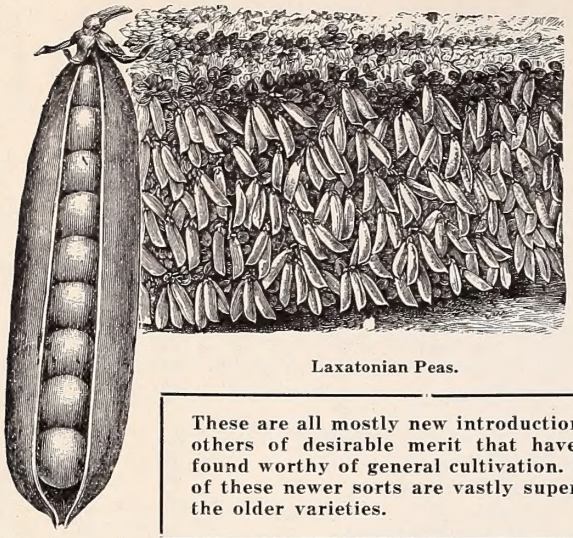
TURNIP (White Flesh)	½ lb.	1 lb.	5 lb.
Extra Early Purple Top Milan	$ .40	$ .70	$3.00
Extra Early White Milan	.40	.70	3.25
Early White Flat Dutch S. L.	.25	.40	1.80
Extra Early White Egg	.25	.50	2.50
Large White Globe	.20	.35	1.75
Mammoth Purple Top Globe	.20	.35	1.75
Red Top White Globe American	.25	.50	2.00
Red or Purple Top S. L.	.20	.35	1.75
Seven Top	.25	.40	2.00
Superb Mixed Turnip	.20	.35	1.75

TURNIP (Yellow Flesh)	½ lb.	1 lb.	5 lb.
Amber Globe	$ .20	$ .35	$1.50
Yellow Aberdeen	.20	.35	1.75

RUTA BAGA	½ lb.	1 lb.	5 lb.
Carter's Elephant	$ .30	$ .60	$2.50
Johnson's Favorite	.25	.50	2.25
Purple Top Yellow	.25	.50	2.00

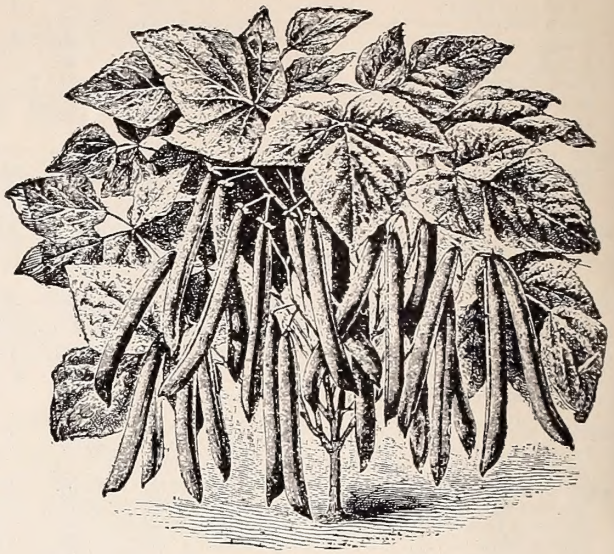
All prices above are subject to changes in the market and f. o. b. Memphis.

Special New and Desirable Vegetable Seeds



Laxatonian Peas.

These are all mostly new introductions and others of desirable merit that have been found worthy of general cultivation. Many of these newer sorts are vastly superior to the older varieties.

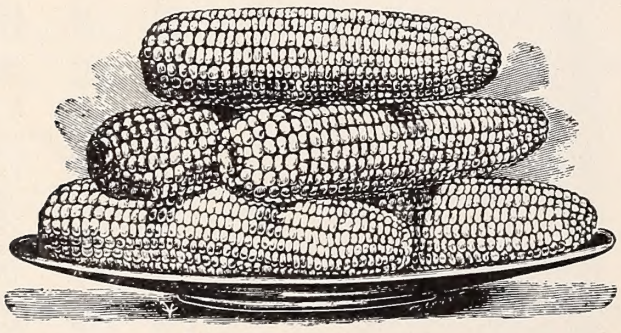


Tennessee Green Pod Bush Beans.

Laxatonian Peas—Closely resembles Gradus in habit, earliness and rapidity of growth. The pod is a trifle shorter, but of a darker green color and very large. It will outcrop Gradus. Height twenty-four inches. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.85, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.60.**

Howling Mob Sweet Corn—A grand new variety producing fine, large ears only a few days later than Cory. The ears are handsome and contain 10 to 12 rows of grain of good quality. Height, 5 to 6 feet. **½ pt., 15c; pt., 25c; qt., 40c; 4 qt., $1.00, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 30c; 4 qt., 75c; pk., $1.25.**

Golden Bantam Sweet Corn—A new variety of great merit. It is yellow in color, but very sweet; ears are small, well filled out at ends. **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.00, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 30c; 4 qts., 75c; pk., $1.25.**



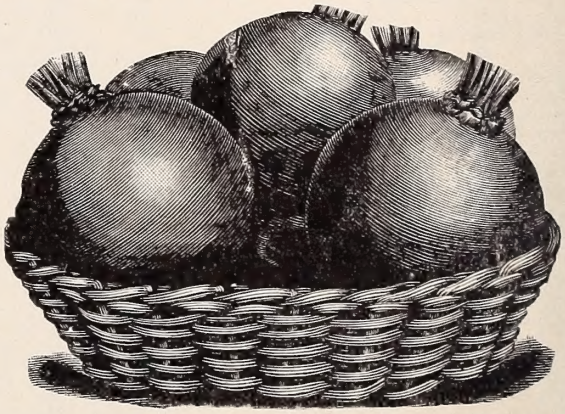
Schwill's Early Surprise Corn.

Schwill's Early Surprise Corn—Our own introduction, now too well known to give any lengthy description; a favorite for early market, larger than the early Adams corn, and only a few days later; not a sugar corn, but ranks almost equal; ears about 8 inches, always well filled to the tips; grains pure white, tender and makes the very best roasting ears. The genuine stock from our own grower can only be obtained from us. No other dealer can supply Schwill's Early Surprise Corn. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 75c; pk., $1.15, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 50c; pk., 75c.**

Fordhook Bush Lima—An improved Dreer's Bush Lima; both pods and beans are larger and the bushes are more erect. The beans are thick through, of good size, and are close together in the pod. Very prolific. **½ pt., 20c; pt., 30c; qt., 60c; 4 qts., $1.85, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.60.**

Tennessee Green Pod Bush Beans—Pods large dark green, fleshy and tender, and a splendid bearer; vines very hardy, stands heat well; one of the best varieties for the South. Strictly a Southern variety, and one that will please you. **½ pt., 20c; pt., 30c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 35c; 4 qts., $1.25.**

Cracker Jack Wax Bush Beans—We consider this one of the finest of the new varieties. It should be included in every order. Very productive. Pods are long, round, very crisp, tender, entirely stringless and of excellent quality. It matures as early as any variety in existence. **½ pt., 20c; pt., 30c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 35c; 4 qts., $1.25.**



Schwill's Excelsior Beet.

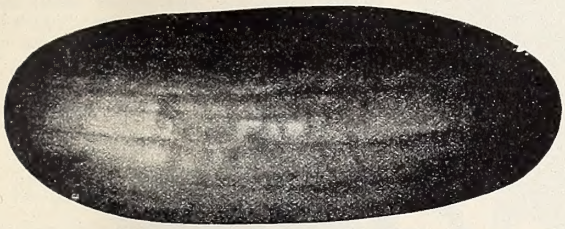
Schwill's Excelsior Beet—One of the earliest of any beet in existence. It is of perfect globe shape with small tap roots. The color of the flesh is very dark red. In flavor it cannot be beat. It is tender, sweet and juicy, retaining its crispness through the season. The foliage, which is of a very dark color, is very small, permitting close planting. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Schwill's Market Gardeners' Beet—This distinct table beet is remarkable for its uniform shape, of very deep colored flesh and has a fine sweet flavor. The bulbs develop quickly and can be sold when very young. They are smooth and free from small rootlets. Both skin and flesh are of an unusually deep rich blood crimson color, retaining this color when cooked. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Schwill's Frost-Proof Drumhead Cabbage—This splendid sort was introduced by us a few years ago, and has proven the very best large hardy cabbage; stands out in the open field all winter without the slightest protection. It is by far the hardiest of any cabbage grown. Frost-proof, has a short stem and makes a deep blue and wide leaf, making a broad, flat, hard head, all very uniform in size. **Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**

Copenhagen Market Cabbage—The best early round or flat-head cabbage. The heads are nearly round, slightly flattened, good size, as large as Early Summer and will cut with the Charleston Wakefield. Heads are very hard; compact, of excellent quality. **Pkt., 5c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.25; 1 lb., $4.50, parcel post paid.**

Extra Early Eureka Cabbage—This is a valuable extra early variety, coming into use as early as Wakefield. The heads are round, slightly flattened and very solid. Fine market gardener's stock. **Pkt., 5c; 1 oz., 35c; 2 oz., 50c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**



Henderson's Perfected Cucumber.

Henderson's Perfected Cucumber—An extra early, dark green White Spine strain, producing very uniform fruit in great abundance. The vine is vigorous and produces fruit for a long season. Fruit averages from eight to ten inches long, and is of the finest quality. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

Burpee's Wayahead Lettuce—A superb new heading lettuce that is wayahead of any variety, both in earliness, size and quality. Outer leaves light green, and the inner leaves blanch to a rich butter yellow tint; the heads are very large and solid. Our customers will find it as Mr. Burpee says, Wayahead of anything else. **Pkt., 10c; ½ oz., 25c; 1 oz., 45c; 2 oz., 80c; ¼ lb., $1.25; 1 lb., $4.00, parcel post paid.**

Schwill's Famous Cabbage Head Lettuce—This is one of the finest varieties of lettuce ever offered, and is superior to Big Boston in many ways. It does not scald in the heart and does not turn red from cold. It is just as large and as firm as Big Boston, and is a little lighter in color. It will hold up better and is an excellent shipping sort. Some market gardeners grow it throughout the season, but we especially recommend it for spring and fall use. If you have been using Big Boston, try this, for it will surely please you. **Pkt., 5c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**

Schwill's Champion Lettuce—This variety is one of the best sorts for summer use, as its tendencies for resisting heat and drought make it well adapted for this purpose. It is larger than All Season, stands more heat and is a finer color. Is sure to please every market gardener and is a fine variety for the home garden as well. **Pkt., 10c; oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**

Otto Schwill & Co., Memphis, Tenn.

Gentlemen:—Please send me one of your seed catalogues, as I want to order some seeds from you. I bought seed from you last year and the year before, and they gave perfect satisfaction. Yours very truly,

Jackson, Tenn. ANNIE LEIGH.

Delicious Gold-Lined Rocky Ford Cantaloupe.

Delicious Gold-Lined Rocky Ford Cantaloupe—Shape slightly oval, no ribs, heavily netted all over, very thick-meated, fine grained and sweet; the flesh is green with a gold margin next to the seed cavity. A splendid melon for market on account of its showy appearance and superb quality. In size it is very much like the ordinary Rocky Ford. **Pkt., 10c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

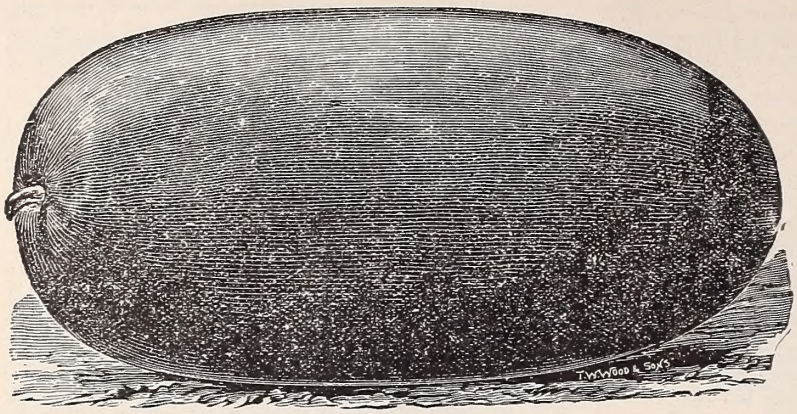
Royal Golden Gem Cantaloupe—The ideal salmon or yellow flesh shipping melon. The best table and crate variety. Medium size, thick orange flesh, which is sweet and tender, combines the good qualities of the Rocky Ford and Burrell Gem. Fine for market or home use. **Pkt., 10c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Schwill's Magnificent Cantaloupe—Ten days earlier than Rocky Ford, twice as productive and larger in size. The melons are regular in size, form nearly round or slightly oval, and very closely netted, flesh bright green, luscious in flavor and ripens close to the rind. If you want a real good melon and at the same time one slightly larger than the Gem type, do not fail to order some of the Magnificent Cantaloupes. **Pkt., 10c; 1 oz., 20c; 2 oz., 30c; ¼ lb., 55c; 1 lb., $2.00, parcel post paid.**

Schwill's Frost-Proof Drumhead Cabbage.

A new powder that effectually takes the place of paris green and other dangerous and poisonous insecticides. Absolutely safe to use, as it contains no poison whatever. Send for circulars. **Price, 1 lb., 15c; 3 lb., 35c; 5 lb., 50c; 12½ lb., $1.00. By parcel post, 1 lb., 25c; 3 lb., 50c; 5 lb., 70c; 12½ lb., $1.35.**

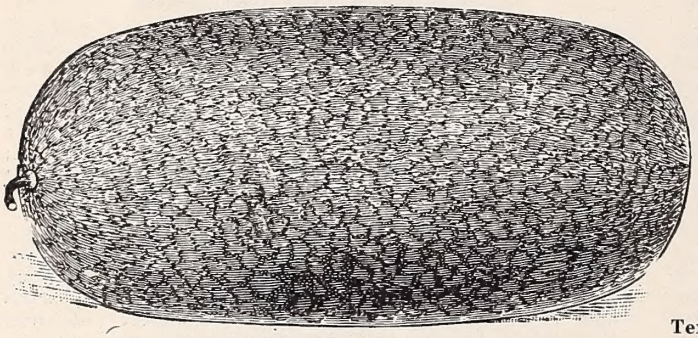
Burpee's Wayahead Lettuce.



Tom Watson Watermelon.

Tom Watson Watermelon—One of the best late introductions, and used more extensively for market than any other. Shape long, color of rind dark green, which is thin but very firm, making it a fine shipper. Flesh is of bright red, firm and very sweet; has taken the lead over all other shipping melons and sells for the highest prices in the Northern markets. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c, parcel post paid.**

Temple Gray Watermelon—One of the best melons, either for market or home use. Attains a larger size than any of the long, dark green melons, frequently growing fifty pounds in weight. Flesh tender, firm and very sweet and luscious. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**



Angel Kiss Watermelon.

Angel Kiss Watermelon—One of the earliest and best tasting melons in existence. With flesh of the deepest indescribable crimson, delightfully sweet and refreshing. It grows from medium to very large, very long in shape and nearly white in color; handsome and attractive. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 80c, parcel post paid.**

Fertilizers.

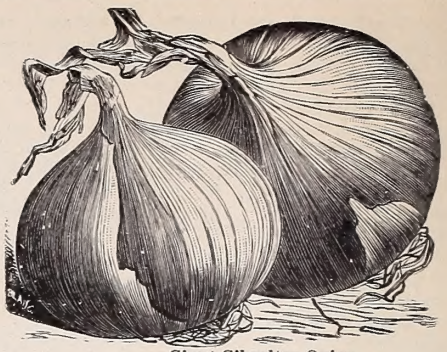
These are especially recommended for lawns, roses and flowers.

Pulverized Sheep Manure	**100 lbs.,**	**$2.50**
Peat Humus or Muck	**100 lbs.,**	**1.00**
Ground Lime Stone	**100 lbs.,**	**.75**
Pure Bone Meal	**100 lbs.,**	**2.50**

Hammond's Slug Shot.

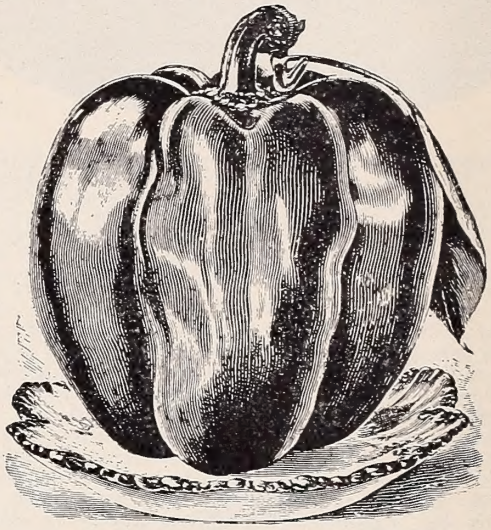
Specially recommended for destroying cabbage worm and other insects that prey on vegetation. Non-poisonous to human life.

Price, 1 lb., 15c; 5 lb., 35c; 10 lb., 60c. By parcel post, 1 lb., 25c; 5 lb., 55c; 10 lb., 90c.



Giant Gibraltar Onion.

Giant Gibraltar Onion—Similar to Prizetker; color dark yellow. The bulbs are larger and it will stand warm climates better. The leaves are distinct. They are of deep green color with a glossy surface. The onions are most delicious and mild, and if properly harvested, will keep in good condition a long time. **Pkt., 10c; 1 oz., 25c; 2 oz., 50c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**



Texas or Sweet Italian Pepper.

Texas or Sweet Italian Pepper—A new sort, of recent introduction. The fruits are nearly heart-shaped, very mild and exceedingly prolific. They mature quite early, are green first, turning to red at maturity. It has become quite popular on account of its being both early and prolific. **Pkt., 10c; ½ oz,. 25c; 1 oz., 50c; 2 oz., 90c; ¼ lb., $1.50; 1 lb., $4.50, parcel post paid.**

Neapolitan Giant Sweet Pepper—Decidedly the earliest of all large peppers, and the most productive. Most all the large varieties of peppers are shy bearers, but in Neapolitan we have a sure prolific and abundant cropper; the flesh is sweet and as mild as an apple; the fruit is extra large and will bear continuously until frost. **Pkt., 10c; ½ oz., 25c; 1 oz., 40c; 2 oz., 75c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**

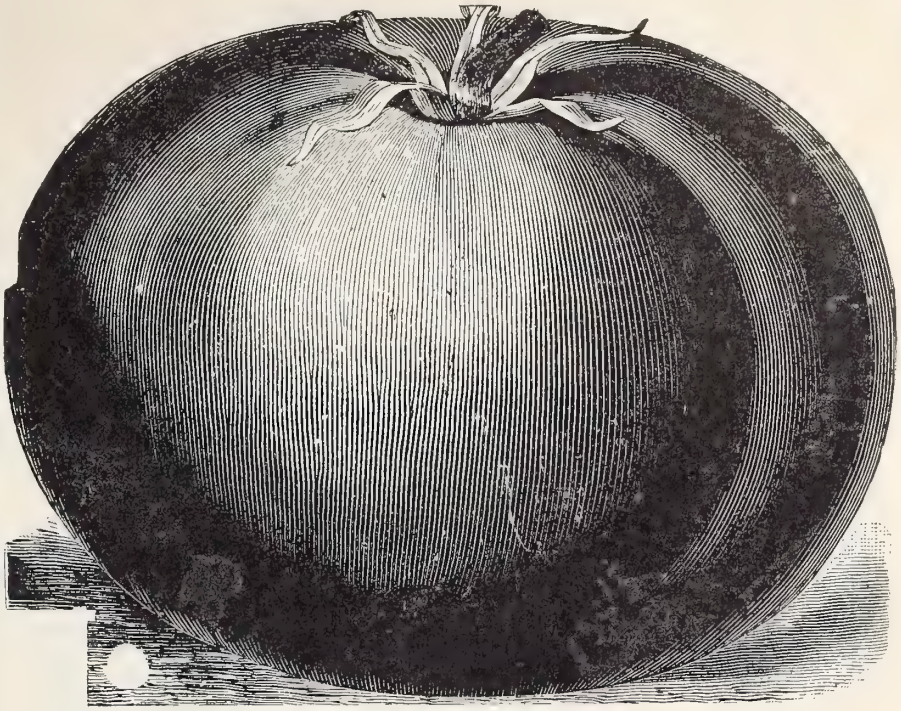
Victoria Spinach—One of the best varieties for spring growing, as it stands fully two weeks longer than any other sort before running to seed. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 35c, parcel post paid.**

Swiss Chard Lucullus—The best and largest variety of this splendid vegetable. If you have never planted Swiss Chard, try it this year. The plants grow to a height of two to two and one-half feet. The stalks are as thick and broad as those of Rhubarb, being one and one-half inches broad, heavily ribbed and from ten to twelve inches long below the leaf. These stalks are delicious when cooked and served in the same manner as asparagus. The extra large leaves of thick texture are heavily crumpled or "savoyed:" crisply tender and of fine flavor. The leafy portion of the foliage is cooked and served in the same manner as spinach. The leaves and stalks served as separate vegetables afford two distinct dishes from the same plant at one time. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

Schwill's Early Bird Radish—This is a splendid strain of small, extra early, round, bright red radish. We have frequently had them ready for use in eighteen to twenty days after sowing the seed. Skin is a bright scarlet; flesh pure white, crisp, tender, and mild in flavor. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

White Icicle Radish—One of the best early long, white sorts, suitable either for forcing or growing outside. Roots somewhat shorter and tops smaller than White Vienna. Very crisp and tender and of a beautiful waxy white color. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

Schwill's Perfection Scarlet Turnip White Tipped Radish—A special stock white tipped radish, bright rose above with large white tip; very showy and distinct; matures early, in 24 days; crisp, tender and mild; can be used outdoors or in frames. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**



Schwill's Red Majestic Tomato.

Bonny Best Early Tomato—New. As its name signifies, it is the best extra early tomato yet introduced. Is fully ten days earlier than Chalk's Early Jewel, and within a day or two, if not quite as early as Spark's Earliana. Truckers who tested it claim it is as early as Earliana. It is a vigorous grower, very prolific, with dense foliage, which protects the fruits from hot sun when other varieties like the Earliana have scalded fruits. The fruit is even size, smooth, round, red, of delicious flavor, ripening to stem. **Pkt., 10c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**

Extra Early Mascot Tomato—We pronounce this new tomato the best extra early we have seen. It is a cross between Earliana and King of the Earlies. Compared with Earliana it is five days earlier, a heavier cropper, fruits fully as large but thicker through from stem to blossom end, more solid and of a deeper red color. It ripens close up to the stem. In habit it resembles Earliana, being quite dwarf with little foliage, but is more compact. It is the greatest yielder we have ever seen. **Pkt., 10c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.25; 1 lb., $4.00, parcel post paid.**

Schwill's Red Majestic Tomato—About ten days later than Stone. Fruits larger, brighter color, very smooth and more productive. The very best variety for late market. A prize-winner at our Tri-State Fair. **Pkt., 5c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.25, parcel post paid.**

Schwill's Premier Tomato—The largest and smoothest of the extra early red tomatoes. Ripens a few days ahead of Earliana; the fruits are larger and smoother. The vines grow very compactly, are immensely productive, and better still, bear continuously throughout the season in which respect it far surpasses Earliana. **Pkt., 5c; ½ oz., 25c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00; 1 lb., $3.00, parcel post paid.**

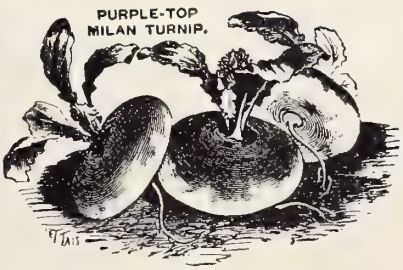
Extra Early Purple Top Milan Turnip—Earliest turnip in cultivation; a week sooner than any other. Flat, smooth, of medium size, with bright purple top and few leaves. Flesh white and choice. Adapted to spring or fall. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 85c, parcel post paid.**

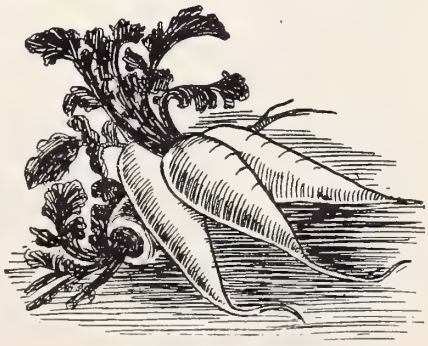
Schwill's Perfection White Tip Radish.

STERLINGWORTH

Concentrated Plant Food Tablets.

Makes plants grow and bloom luxuriantly and drives troublesome insects from the soil. Takes the place of liquid manure. Explicit directions on each package. **30 Tablets, 10c; 100 Tablets, 25c. By mail, 15c and 35c.**





White Icicle Radish.

Sulpho-Tobacco Soap Kills Bugs, Red Spiders, Rose Insects, etc. Full directions with each cake, 3 oz., cake, 10c. By parcel post, 15c.

List of Standard Vegetable Seeds

Our vegetable Seed Department contains all the good **standard varieties**, and we flatter ourselves that **none better** can be **obtained anywhere.** By comparison with the prices of other reliable dealers, ours will be found exceedingly reasonable. **While we invite a comparison of our prices with those of any reliable dealer, we wish to lay much the greater emphasis on the fact that "quality" is the paramount feature considered in what we have to offer.**

Seeds by Parcel Post.

Remember, that the prices given in this list include the delivery of all seeds by parcel post on **packets, ounces, quarter-pounds, pounds, pints, or quarts,** except where noted in our wholesale market gardeners' price list.

Discount on Garden Seeds in Packets.

For $ .10 ..... select any 3— 5c packets
For .25 ..... select any 8— 5c packets
For .50 ..... select any 17— 5c packets
For 1.00 ..... select any 35—.5c packets
For .25 ..... select any 3—10c packets
For .50 ..... select any 7—10c packets

All Postage Paid.

This offer applies to flat packets only, not to Peas, Beans or Corn.

Asparagus.

One Ounce Will Sow 40 Feet of Drill.

Sow in spring as soon as the soil is in good working condition. Cultivate during summer, and give the plant a light covering of stable litter during winter. At one or two years, transplant to permanent beds.

Palmetto—A fine variety, producing very large asparagus. Very early and adapted to all climates. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Columbian Mammoth White—A new and entirely distinct kind whose shoots are white and stay white as long as fit for use. **Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., 75c, parcel post paid .**

Palmetto Asparagus Roots.

A saving of 1 to 2 years is effected by planting roots. For private use or for marketing on a small scale, beds should be formed 5 feet wide, with 3 rows planted in each, one in the middle and one on each side a foot from the edge; distance between the plants in the rows, 9 inches. **Price, by parcel post, 2-year roots, doz., 35c; 50 for $1.00; 100 for $1.50. Price, by parcel post, 3-year roots, doz., 50c; 50 for $1.25; 100 for $2.20. Price by express, at purchaser's expense, 2-year roots, doz., 25c; 50 for 75c; 100 for $1.00; 1000 for $6.00. 3-year roots, doz., 40c; 50 for $1.00; 100 for $1.50; 1000 for $10.00.**

Artichoke, Globe.

One Ounce Will Produce 500 Plants.

Sow in light, rich and rather moist soil, in drills 8 or 10 inches apart; when the plants are well up transplant, 4 or 5 inches deep, in rows 4 feet apart and 2 feet apart in the rows. Cover with straw during winter.

Green Globe French—Fine large heads. **Pkt., 5c; 1 oz., 30c; Parcel post paid.**

Brocoli.

Sow as soon as the ground can be worked in the spring. Plant out two feet apart each way. **Pkt., 5c; 1 oz., 35c; 2 oz., 50c; ¼ lb., 75c, parcel post paid.**

Brussels Sprouts.

A very hardy plant of the cabbage family, growing from two to three feet high, producing from the sides of the stalk numerous small heads about two inches in diameter. Sow about the middle of March and treat generally as directed for cabbage. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Corn Salad, or Fetticus.

One Ounce Will Sow About 18 Square Feet.

Sow in September or October. Large, round-leaved. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Chervil.

Curled—Used for flavoring and garnishing. **Pkt., 5c; 1 oz., 25c, parcel post paid.**

Market Gardeners' Bulk Prices.

Our Market Gardeners' and Wholesale Bulk Price List is given on pages 2 and 3 all in plain figures. No further discount allowed. At quotations named on Wholesale List, we do not pay parcel postage.

Discount on Bulk Seeds.

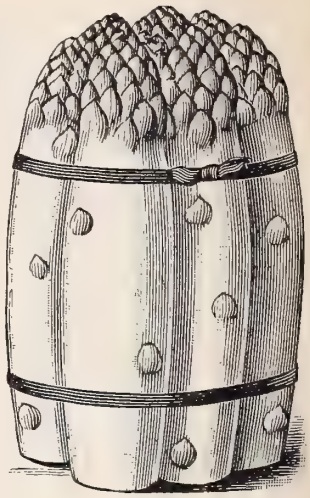
In ½, 1 and 2 oz., ½ pt. and 1 pt. pkgs.

Remit $1.00 and select seeds in above size packages to value $1.25.

Remit $2.00 and select seeds in above size packages to value $2.60.

Please remember this discount will not apply to any prices quoted on our market gardeners' Bulk Price List, nor will it apply on any seeds quoted in ¼, ½, and 1 lb., or quart packages.

Brussels Sprouts.



Palmetto Asparagus.

Cress, or Pepper Grass.

One Ounce Will Sow About 15 Square Feet.

A well-known pungent salad. Sow at frequent intervals, to keep up a succession, as it soon runs to seed. **Curled, or Pepper Grass, pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c. True Water, pkt., 10c, parcel post paid.**

Chicory.

Large Rooted, or Coffee—The young leaves are used as a salad, the dried roots as a substitute for coffee. **Pkt., 5c; 1 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Collards.

A species of cabbage. Sow in the spring and transplant and cultivate in the same manner as cabbage.

North Carolina Buncombe—A superior variety, heads up in winter, very heavy foliage, fine flavor. **Pkt., 5c; 1 oz., 20c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Georgia White Cabbage—Called Cabbage Collard on account of its close, bunching growth and light green leaves. Originated from Buncombe Cabbage. **Pkt., 5c; 1 oz., 10c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

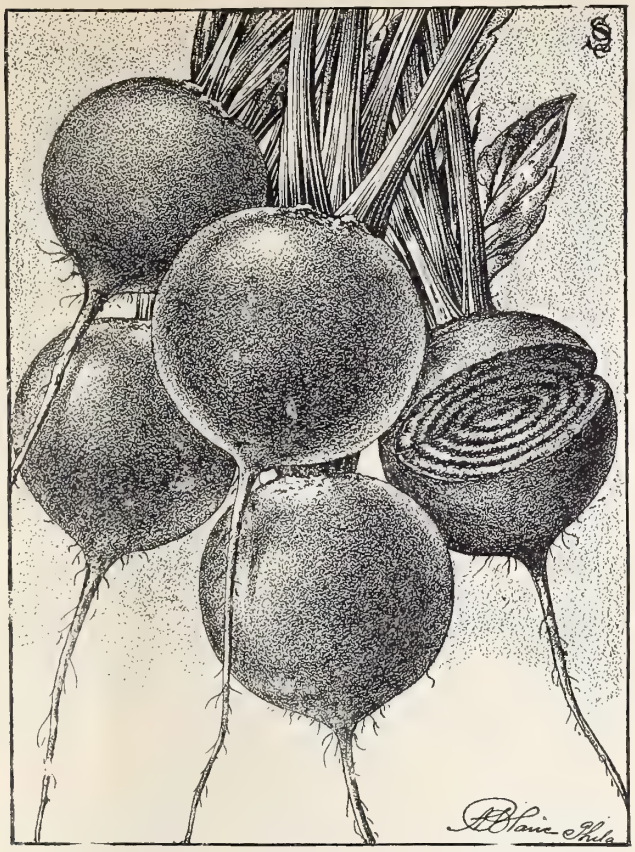
True Southern—The old standard sort. **Pkt., 5c; 1 oz., 10c; ¼ lb., 30c; 1 lb., 75c, parcel post paid.**

Chives, or Schnittlauch.

A species of onion, used for seasoning; mostly used for putting on cream or cottage cheese. Seed planted this spring will do to use next year. Hardy perennial. **Seed, per packet, 10c, parcel post paid.**

Dandelion.

Sow the seeds in drills in early spring and thin out to six inches in the row and keep well cultivated and free from weeds throughout the summer. **Pkt., 5c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.00, parcel post paid.**



Crimson Globe Beet.

Table Beets.

One ounce to 50 feet drill; 4 to 5 pounds to the acre in drills. Beets require a deep, rich and mellow soil. Drop about 1 inch deep in drills 12 to 18 inches apart. Thin to 6 and 12 inches, and hoe often until the tops cover the ground. In dry weather it is a good idea to soak the seed before planting. **5c per packet; or 3 packets for 10c, any variety; postage paid.**

Crimson Globe—A new variety, darker in color than Eclipse, and slightly larger, flesh tender and sweet. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c; parcel post paid.**

Schwill's Early Gem.—The finest early beet, either for growing under sash or outside. It is perfectly smooth, handsome shape, dark color and of excellent quality. It is as early as any and will clean off the ground in three pullings. An excellent all-the-year-round beet. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., $1.00; parcel post paid.**

Crosby's Improved Egyptian.—The earliest beet in the market. A selection from the old market beet Early Egyptian, retains the earliness of the parent stock, and has added thickness, giving it a more desirable shape; it is the deepest red, almost black in color and of finer quality than the Egyptian being sweeter and even more tender and smooth. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c; parcel post paid.**

Detroit Dark Red.—Beautiful round form, skin dark blood red, flesh bright red. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Eclipse.—Nearly globular, smooth and with very small tap root, and very small collar; flesh fine grained, blood red, also a market favorite. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 80c; parcel post paid.**

Edmand's Blood Turnip—One of the best varieties grown for main crop. The skin is deep blood red; the flesh is also dark red and is sweet and tender. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 80c; parcel post paid.**

Beet Plants.

Crosby's Egyptian. Eclipse Blood Turnip, ready April 1st. Prices, 50 for 25c; 100 for 35c; 500 for $1.50. By parcel post, 50, 30c; 100, 50c; 500, $1.85.

Standard Varieties of Beets.

Parcel Post Paid.	1 oz.	2 oz.	¼ lb.	1 lb.
Early Blood Turnip	$ .10	$ .20	$ .30	$ .70
Extra Early Egyptian	.10	.15	.25	.65
Extra Early Bassano	.10	.20	.30	.70
Dewing's Blood Turnip	.10	.20	.30	.75
Long Blood Red	.10	.15	.25	.65

Market Gardners' Bulk Price List of the above varieties of Beets given on page 2.

Mangel Wurzel Stock Beets.

Everyone who keeps even a single cow should grow a quantity of Mangels for winter feed. They yield enormously and will not only greatly increase the flow of milk, but will add largely to the health and general condition of all kinds of stock and poultry.

Culture—Sow in drills two feet apart when suitable time comes for sowing oats and planting corn. When plants are two or three inches high thin or cut out with hoe to eight to twelve inches apart.

Five to six pounds of seed will plant an acre.

Price, any of the following varieties: 5c per packet; 1 oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c; 5 lb., $1.75; parcel post paid. By express or freight, ½ lb., 20c; 1 lb., 35c; 5 lb., $1.50.

Mammoth Long Red Mangel—Mammoth size, skin light red, flesh white and rose. Grows well out of ground.

Golden Tankard—Top and neck very small; root ovoid, large; flesh yellow, zoned with white; an excellent sort.

Sludstrup Mangel—New and desirable; awarded first prize by the Danish government for the finest mangel; roots clear yellow.

Gate Post Mangel—Clear Yellow Roots, long and smooth.

Sugar Beets.

Culture—Sow in drills 2 feet apart when suitable time comes for sowing oats and planting corn. When plants are 2 or 3 inches high thin or cut out with hoe to 8 to 12 inches apart. **Five to six pounds will plant an acre.**

Price, any of the following varieties: 5c per packet; 1 oz., 10c; ¼ lb., 20c; ½ lb., 30c; 1 lb., 45c; 5 lb., $1.75, parcel post paid. By express or freight, ½ lb., 20c; 1 lb., 35c; 5 lb., $1.50.

Lane's Imperial Sugar—Grows to large size, is more like Mangel Wurzel in character, but the flesh is sweeter and tenderer; in fact, sometimes used for table.

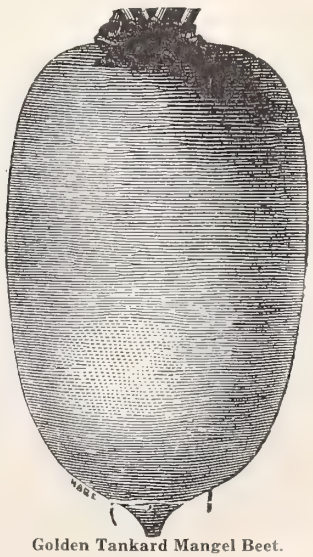
Klein Wanzleben—A most popular variety, roots conical and even.

White Red Top Sugar—A standard sort. Very productive; has large percentage of sugar.

Vilmorin's Improved Sugar—An improved French variety.

Giant Feeding Sugar Beet—By skillful breeding there has been developed in Giant Feeding Sugar Beet a sort very much more valuable for feeding purposes than the older sort. Roots large, oval in form, very smooth, with few rootlets, with small top.

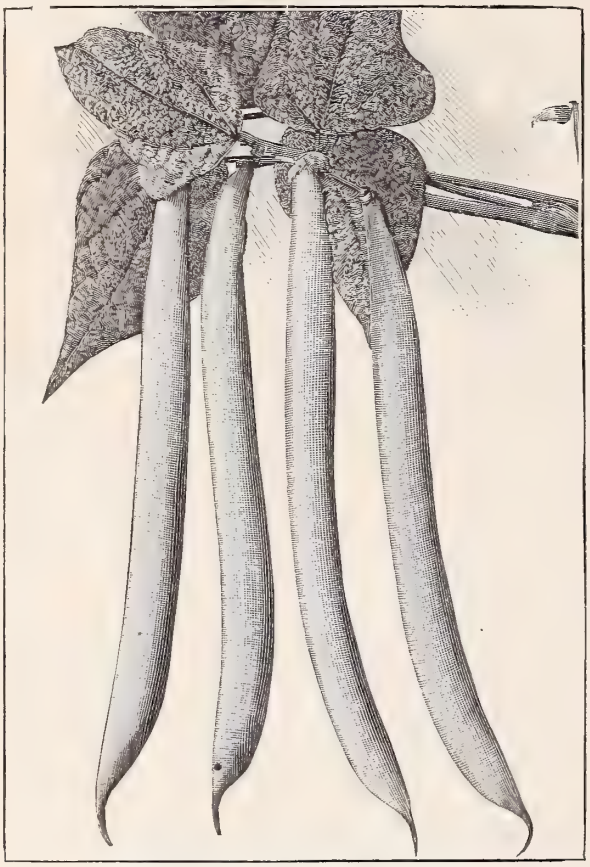
Mammoth Long Red Mangel Beet.



Golden Tankard Mangel Beet.

Dwarf Bush or Snap Beans

One quart to 100 feet drill; 1½ bushels to the acre in drills. Plant when all danger of frost is over. Drop the beans 2 or 3 inches apart in rows, standing 18 inches to 2 feet apart. Hoe often—never when the vines are wet, or they will rust, drawing the earth slightly toward them, and at least once before they blossom sow land plaster upon them. As they require but 6 to 8 weeks to make pods, they can be sown as late as September 1.



Hopkins' Earliest Valentine Bush Beans.

Dwarf Green Pod Varieties.

Hopkins Earliest Valentine—This variety is earlier than the Early Red Valentine, and it is usually ready to pick in 45 days from planting. On account of its great earliness it is largely grown by market gardeners. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Burpee's Stringless Green Pod—This is the best absolutely Stringless Bean. Ready for market several days earlier than the best strain of Red Valentine. Pods are very tender and fine flavor. **½ pint, 15c; pint, 25c; quart, 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Giant Stringless Green Pod Bush Beans—A new second early variety, producing an abundance of long, stringless, round green pods of excellent quality. No matter how old, there is no sign of a string. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.25, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 30c; 4 qts., $1.00.**

Improved Early Red Valentine—Desirable for market or family use, being early, productive and tender. The pods are round, bright green. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.25, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 30c; 4 qts., $1.00.**

Black Valentine—Resembles the old Red Valentine but bears earlier; the pods are round, dark green, very fleshy and entirely stringless; for early or late planting it is a most valuable bean. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.60, parcel post paid. By express, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.35.**

Standard Bush Beans, Green Pod.

Prices uniform, as follows: **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.00, parcel post paid.**

Prices by express, not prepaid, as follows:

	½ Pt.	Pint.	Quart.	4 Qts.
Best of All	$ .10	$ .15	$ .25	$ .75
Full Measure	.10	.15	.30	.85
Longfellow	.10	.15	.30	.85
Mohawk, Six Weeks	.10	.15	.25	.75
Prolific Tree	.10	.15	.25	.75

Market Gardeners' Peck and Bushel prices given on page 2.

Dwarf Yellow Wax Pod Varieties.

Currie's Rust Proof Wax—Very productive, rustless; long flat pods, which are very crisp, brittle and tender when young. Fine for shipping. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.60, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.35.**

Brittle Wax—The best of the round podded sorts; early, prolific; pods long, handsome shape and color; entirely stringless; quality excellent. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Burpee's New Kidney Wax—A stronger grower and more prolific than Wardwell's. The pods are more fleshy, being thicker through and are entirely stringless. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Wardwell's Kidney Wax—A favorite with market gardeners. A rich golden yellow, brittle and entirely stringless. Pods long, broad and flat. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Improved Golden Wax—One of the best snap Beans, with golden yellow pods of excellent flavor. Medium in length, straight and oval. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

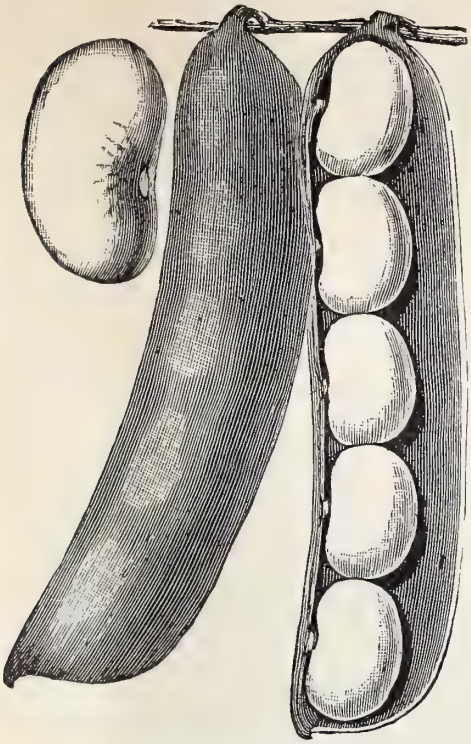
German or Black Wax—Pods light yellow, medium short, round, curved, very tender and productive. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Davis Kidney Wax—One of the most popular, flat podded wax beans. Long, handsome, yellow pods of fine quality. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Violet Flageolet Wax—Pods very large and bright golden yellow; fine for shipping. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Currie's Rust Proof Wax Bush Beans.

Beans



Large White Lima Pole Bean.

Bush or Dwarf Lima Beans.

Plant about first of May in rows wide enough to work, dropping beans six inches apart, covering one and one-half inches. Hoe often, but only when leaves are dry. 1 quart will sow 200 feet of drill.

Burpee's Improved Bush Lima—This is the bush form of the large Lima Bean; pure white, very tender. **½ pt., 20c; pt., 30c; qt., 50c; 4 qts., $1.70, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.50.**

Henderson's Bush Lima—A dwarf form of the Small Lima, and valuable because of its extreme earliness. Pods short, fat and containing from 2 to 4 beans; superior in quality. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Wood's Prolific Bush Lima—A greatly improved strain of Henderson's Bush Lima. Produces much larger pods and beans. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Kentucky Wonder Pole Bean.

Pole Lima and Butter Beans.

One quart will plant about 150 hills. Culture the same as for other Pole Beans. Sow seed about the middle of April, not sooner. The ground must be warm, otherwise the beans will rot.

Carolina or Small Lima—The true Butter Bean. Seeds are small but very prolific. Will stand more heat and drouth than most of this class and seems to be especially well adapted to the South. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

King of the Garden Lima—Vigorous and productive. Produces an abundance of pods, 5 to 6 inches long, well filled with beans of very large size, quality first-class. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.25, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 30c; 4 qts., $1.00.**

Schwill's Monstrous Lima—The pods are of enormous size, many specimens measuring from 5 to 8 inches and producing up to 7 beans to the pod, all perfectly formed and of superior quality. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.45, parcel post paid. By express not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.25.**

Large White Lima—A standard good variety; beans greenish white, large size and of excellent flavor. **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.20, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 30c; 4 qts., $1.00.**

Pole or Running Beans.

One quart will plant about 150 hills. These require more care than the Bush Beans, and should not be planted until two weeks later, as they stand in much more danger from the frosts. Plant in hills, from 5 to 6 seeds in each, about 2 inches deep; the hills should be 4 feet apart.

Kentucky Wonder—This is no doubt the most popular variety on the market at the present date. It is an early, very prolific sort, with showy pods which are of most excellent quality. The vines are vigorous, climbing well and very productive, bearing pods in large clusters. The pods are medium light green, very long, often reaching nine or ten inches, curved and twisted, nearly round and very crisp when young, becoming very irregular and spongy as the beans ripen. Seed long, oval, slightly flattened, dun colored. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.50, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.25.**

White or Southern Creaseback—A popular early green-podded pole bean for snapshorts; of rapid growth and very productive. Pods grow in clusters and are from 5 to 6 inches in length, perfectly round, being deeply creased or "saddle-backed." The dry seed is pure white and excellent for winter use. **½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.45, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.25.**

Kentucky Wonder Wax—An excellent variety, and one of the very best pole beans. The pods are long, very thick, meaty, deeply saddle-backed, entirely stringless, and bright yellow in color. The vine is thrifty and very prolific. **½ pt., 15c; pt., 30c; qt., 50c; 4 qts., $1.75, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 40c; 4 qts., $1.50.**

Scotia or Cornfield Beans—A superb long green bean, succeeding better when planted in corn fields than any other variety. The handsome green pods average 8 or 9 beans to the pod, grow very uniform, about 6 inches long, thick meated, rich and buttery. It continues in bearing so long it might be called "Everbearing." Specially adapted to growing on corn, thus economizing space on valuable land, or where poles are scarce. **½ pt., 20c; pt., 35c; qt., 60c; 4 qts., $2.00, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 50c; 4 qts., $1.75.**

Lazy Wife's Pole Beans—Pods of medium dark green color, broad, thick and very fleshy, and retain their rich, tender qualities until nearly ripe; dried beans are pure white in color. **½ pt., 20c; pt., 30c; qt., 50c; 4 qts., $1.70, parcel post paid. By express, not prepaid, ½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.50.**

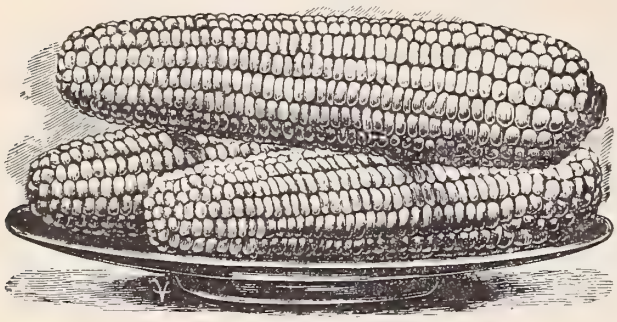
Southern Prolific—A well known variety, very productive, and bears until frost. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.40, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.25.**

Red Speckled Cut Short—A very good pole or cornhill bean; quite a favorite in some sections. **½ pt., 15c; pt., 25c; qt., 45c; 4 qts., $1.40, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.15.**

Asparagus or Yard Long Beans—A great curiosity, and withal a bean of excellent quality. Pods usually are 13 to 24 inches, but frequently 30 inches and sometimes 36 inches in length. An excellent table vegetable, the pods being tender and of a rich asparagus flavor. **Pkt., 15c, parcel post paid.**

Garden and Sweet Corn

One quart will plant 200 hills; 1 peck will plant an acre in hills. Plant as soon as the ground becomes warm in the spring, in hills about 3 feet apart, 5 or 6 grains to the hill, and when up thin them out. For a succession, plant every two weeks until midsummer.



Early Dawn Sweet Corn.

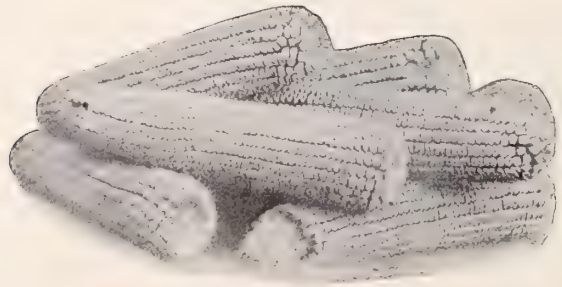
Schwill's Early Dawn Sweet Corn—A very beautiful new sort of the finest flavor. Produces in favorable seasons perfect ears 60 days after planting. Ears average 7 inches in length by 2½ inches in diameter, are filled with 12 to 14 rows of pearly, white, broad and deep kernels of delicious quality. **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.15, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 30c; 4 qts., $1.00.**

Adams Extra Early—The very earliest variety, and brings good prices when first offered to the market. Should only be planted on the very richest land. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Early or Large Adams—One of the most profitable varieties for early market. Ears good size, sweet and tender. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Schwill's Improved Large Adams—Larger than Adams Early and very nearly as early. Fine for market. **½ pt., 15c; pt., 20c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Clarke County Champion—This white corn is the most profitable variety yet introduced. It is a week later than the Large Adams, but the ears are large, nearly double the size of Adams, therefore the lateness of bearing is offset by its extra large size, a quality that is demanded by all our truckers and gardeners. **½ pt., 15c; pt., 20c; qt., 30c; 4 qts., 80c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 60c.**



Country Gentleman Sweet Corn.

Country Gentleman—A favorite second early or main crop variety with all private gardeners for its tenderness, delicacy, small, deep grains, and sweetness. The ears are of fair size, frequently three or four to the stalk. One of the best sweet corns for your garden. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

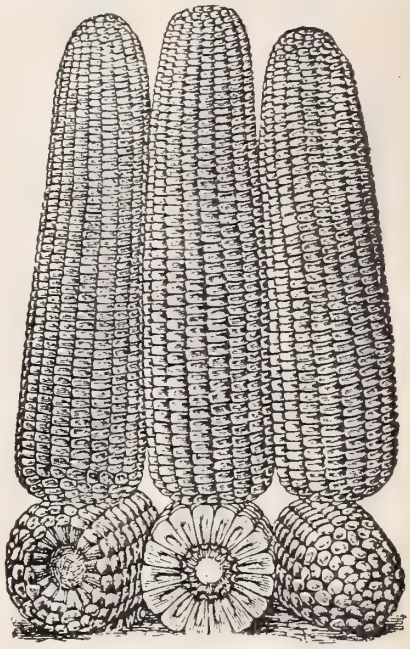
Schwill's Early Market—Very large ears; grows rapidly; used both as a garden and field corn. **½ pt., 15c; pt., 20c; qt., 30c; 4 qts., 75c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 60c.**

Schwill's Delicious—An early large sweet corn. Produces ears 12 inches long in 65 days. Kernels are pure white, very sweet and tender. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Stowell's Evergreen—Large ears, medium early; remains tender and sweet a long time. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 85c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 70c.**

Kendall's Early Giant—Ears large, having 10 to 12 rows, pure white, sweet, tender and very prolific; matures as early if not earlier than any of the second earliest. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Clark's None Such—Matures a little ahead of Stowell's Evergreen. Ear good size, grains very uniform and of excellent quality. Cob pink. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**



Truckers' Favorite Corn.

Truckers' Favorite Corn—Not a true sugar corn, but a hybrid or mixture between a sugar corn and the Adams Early, and cultivated on large areas and almost exclusively by market gardeners. A very profitable sort as a money maker. **½ pt., 15c; pt., 20c; qt., 30c; 4 qts., 85c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 70c.**

Mammoth Sugar—The largest eared variety, sweet and delicious; matures late, but its immense ears are the finest of any variety. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Black Mexican—When in condition for the table it cooks white, but the grain when ripe is black. Ear rather small, grain very sweet and tender. **½ pt., 15c; pt., 25c; qt., 40c; 4 qts., $1.00, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 30c; 4 qts., 85c.**

Early Yellow Canada—A long eight-rowed variety, very early, and is planted in both field and garden. It does well. **½ pt., 15c; pt., 25c; qt., 35c; 4 qts., 90c, parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 15c; qt., 25c; 4 qts., 75c.**

Large White Flint—Can be planted close and thick on account of being a small corn. Has small cob, but bears a full-sized ear. Grain is pure white; produces roasting ears in six weeks. **½ pint, 15c; pint, 25c; qt., 35c; 4 qts., 90c; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 15c; qt., 25c; 4 qts., 70c.**

Golden Bantam—See page 4 for prices and description.

Schwill's Early Surprise—See page 4 for prices and description

Howling Mob Sweet Corn—See page 4 for prices and description.

Cabbage

The cabbage, to be well grown, requires a deep, rich, loamy soil. For early use, sow the seed in hotbeds in February or March, or it may be sown about the middle of October and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows 2 feet apart, and the plants 18 inches apart in the rows. For late or winter use, the seed should be sown in May and the plants set out in July, 2½ by 3 feet. One ounce will produce **2,000 plants. Price, any variety of Cabbage Seed, 5c per pkt.; 3 pkts. for 10c; postage paid.**

Charleston Large Wakefield—This is a few days later than the Early Jersey Wakefield, but makes a larger and firmer head. We strongly recommend it as the best main crop early cabbage grown, for the home graden and market. Our seed of this is grown from a specially selected stock. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Charleston or Large Wakefield Cabbage.

Early Jersey Wakefield—A leading variety and one of the best for private or market gardeners' use; conical shape. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.50; parcel post paid.**

All-Seasons—An early Drumhead Cabbage, yielding heads of the largest size. **1 oz., 20c; 2 ozs., 35c; ¼ lb., 60c; 1 lb., $1.75; parcel post paid.**

Solid South—A magnificent cabbage, resembling the Early Summer, but is earlier, larger, more uniform; has fewer outside leaves. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.**

Early Summer—A second early cabbage, which matures about 10 days after the Jersey Wakefield. It makes a large, solid, flattish head. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.50, parcel post paid.**

Succession—A good second early round headed sort, heads very evenly. **1 oz., 25c; 2 ozs., 40; ¼ lb., 75c; 1 lb., $2.50; parcel post paid.**

Schwill's Ideal Winter Cabbage.

Schwill's Ideal Winter—The very best late Cabbage in existence. It never fails to make a crop; runs heavy in weight owing to its size and solidity; resists drouth and insects by its sturdy constitution. **1 oz., 25c; 2 ozs., 40c; ¼ lb., 75c; 1 lb., $2.25, parcel post paid.**

Marblehead Mammoth—The largest cabbage grown. It is no uncommon occurrence to find a head weighing from 50 to 60 lbs. **1 oz., 20c; 2 ozs., 35c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Volga—A grand variety for late planting; matures early; flat, solid heads. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.75; parcel post paid.**

Glory of Enkhuizen Cabbage.

Glory of Enkhuizen—An extremely large and solid heading variety. The plant is of extra strong growth, with dark bluish-green leaves growing closely about the large flattened heads. In good soil it will produce heads of enormous size. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.**

Danish Ballhead—The hardest heading variety known. Heads of medium size, with but few outer leaves, admitting close planting; exceeding fine, hardest of all, tender, crisp and solid, with no waste of heart and will average 10 lbs. **1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.00.**

Large Drumhead Savoy—This is undoubtedly the finest type of Winter Cabbage. After having been frosted it boils like marrow, and is not surpassed even by the cauliflower in its best condition. **1 oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $2.00.**

Standard Varieties Cabbage Seed.

5c per packet; any 3 packets for 10c. Postage Paid. Prices, Parcel Post paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
All Head Early	$ .20	$ .35	$ .60	$1.60
Danish Summerhead	.20	.35	.50	1.50
Early Drumhead	.20	.35	.50	1.50
Early Flat Dutch	.25	.40	.75	2.50
Early York	.20	.35	.50	1.40
Early Winningstadt	.20	.35	.50	1.50
Extra Early Express	.20	.35	.50	1.50
Early Spring	.25	.40	.60	1.90
Large Early York	.20	.35	.50	1.40
Green Glazed	.35	.60	1.00	2.50
Marvin's Fine Curled Savoy	.25	.40	.60	2.00
Large Late Drumhead	.20	.35	.50	1.60
Large Late Flat Dutch	.20	.35	.50	1.50
Surehead	.25	.40	.60	2.00

½ ounces of Cabbage Seed supplied at ounce rate.

Cabbage Plants Ready March 1.

Hotbed Stock.

Varieties as follows: Jersey Wakefield, Charleston Wakefield, Succession. Put in bundles, 50 plants each, no less quantity sold. **By parcel post, 100 plants for 50c; 500 plants, $2.00. By express, not prepaid, 100 plants, 35c; 500 for $1.25; 1,000 for $2.50; 5,000 for $10.00.**

Cucumbers.

One ounce will plant 50 hills; 1 to 2 pounds will plant 1 acre. Cucumbers succeed best in warm, rich, sandy loam, and should not be planted in open air until there is a prospect of settled warm weather. Plant in hills about 4 feet apart each way, and when all danger of insects is past, thin out the plants, leaving 3 or 4 of the strongest to each hill. **Price, 5c per packet; 3 packets, 10c; any variety.**

Schwill's Famous White Spine—The longest and handsomest of all White Spine. The fruits average twelve to fourteen inches in length, are straight, well formed and of a dark green color. It is a strong grower, the vines remaining green when other White Spines are blighted and dried up. **Oz., 15c; 2 oz., 25c; ¼ lb., 40c; lb., $1.25; parcel post paid.**

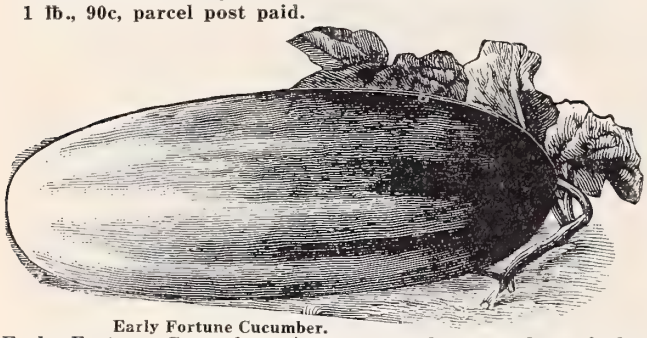
Extra Early Long Green—One of the best general purpose cucumbers in cultivation, the young fruit being very symmetrical in shape, deep in color and very crisp. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; parcel post paid.**

Davis Perfect—A long slim dark green White Spine strain, early and prolific. It is a stronger grower and will resist blight better than some of the older sorts. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; parcel post paid.**

Early Short Green—Early and prolific; valuable either for pickling or slicing, being exceptionally tender and crisp; color dark green. **1 oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., 90c; parcel post paid.**

Improved Long Green—A fine bearer of superior quality. **1 oz., 10c; 2 oz., 20c; ¼ lb., 35; 1 lb., 85c; parcel post paid.**

Cumberland Pickle—The best pickling cucumber in cultivation. For productiveness it is unequaled, and the quality of the fruit is the very best. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, parcel post paid.**



Early Fortune Cucumber.

Early Fortune Cucumber—An extra early cucumber of the white spine type. A beautiful green, straight variety, especially recommended for early market. Our customers who raise this cucumber are highly pleased with it. **1 oz., 15c; 2 oz., 25c.; ¼ lb., 35c; 1 lb., $1.00; parcel post paid.**

Standard Cucumbers.

Prices, Parcel Post, Paid.	1 oz.	2 oz.	¼ lb.	1 lb.
Early Green Cluster	$ .10	$ .20	$ .35	$ .80
Early Frame	.10	.20	.35	.80
Long Green Turkey	.10	.20	.35	.85
Klondyke	.15	.25	.40	.90
Japanese Climbing	.15	.25	.40	1.00
Gherkin	.20	.30	.50	1.50
Improved Early White Spine	.10	.20	.35	.85

Cauliflower.

One ounce will produce about 2,000 plants. Sow in hotbed early in January and transplant any time suitable after the first of March, the earlier the better, as cauliflower thrives best in moderate cool weather.

Prices, Parcel Post, Paid.	Pkt.	¼ oz.	1 oz.
Extra Early Snowball	$ .10	$ .75	$2.50
Large Early Snowball	.10	.75	2.50
Dry Weather	.10	.75	2.25
Danish Giant	.10	.75	2.25
Early Favorite	.05	.25	.75
Non Plus Ultra	.05	.25	.75

Cauliflower Plants—Snowball. By parcel post, doz., 30c; 50 for 65c; 100 for $1.00. By express, not prepaid, doz., 20c; 50 for 50c; 100 for 75c.

Carrots.

One ounce to 100 feet drill; 2 to 3 pounds to the acre in drills. Sow during any part of the Spring months in drills from 12 to 15 inches apart, and thin to 3 or 4 inches in the drill. Requires deep rich, mellow soil and thorough culture.

Prices, Parcel Post, Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Chantenay Half Long Scarlet	$ .05	$ .15	$ .20	$ .35	$1.00
Danver's Half Long Yellow	.05	.15	.20	.35	1.00
Early Scarlet Horn	.05	.15	.20	.30	.90
Half Long Scarlet	.05	.15	.20	.35	1.00
Long Orange Improved	.05	.15	.20	.30	.90
Oxheart or Guerande	.05	.15	.20	.35	1.00
Yellow Belgian for Stock	.05	.15	.20	.30	.85

Celery.

One ounce will produce about 3,000 plants. Sow in April or May, and rake the seed in lightly; water and shade from sun.

Prices, Parcel Post, Paid.	Pkt.	1 oz.	2 oz.	¼ lb.	1 lb.
Columbian White	$ .05	$ .35	$ .60	$1.00	$3.50
Giant Paschal	.05	.25	.50	.75	2.00
Golden Self-Blanching	.05	.75	1.25	2.00	6.00
Heartwell Perfection	.05	.25	.50	.75	2.00
Henderson's White Plume	.05	.25	.50	.75	2.00
Large White Solid	.05	.25	.40	.60	1.75

Celery Plants—White plume, ready April 1st. **By parcel post, doz., 25c; 50 for 50c; 100 for 75c. By express, 50 for 35c; 100 for 50c; 500 for $2.00.**

Otto Schwill & Co., Memphis, Tenn.

Gentlemen:—I have been planting your garden seed for several years, and would have no others, as they always give the best of results, and I have always found them just as you recommend them.

Wishing you much success, I remain,

Catchings, Miss. Yours truly, EDWARD WRIGHT.

Columbian White Celery.

Improved Long Orange Carrot.

Schwill's Famous White Spine Cucumber.

Egg Plant.

Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants. **Any variety, packet, 5c; 3 packets for 10c; parcel post paid.**

Florida High Bush—Stands heat well; the fruit is round, smooth and very large, color bright purple. **½ oz., 20c; 1 oz., 35c; 2 oz., 70c; ¼ lb., $1.25; 1 lb., $4.00, parcel post paid.**

Black Beauty Egg Plant.

Black Beauty—This is the earliest and best of all large fruited Egg Plants. **½ oz., 25c; 1 oz., 40c; 2 oz., 75c; ¼ lb., $1.25; 1 lb., $4.50; parcel post paid.**

New York Improved Large Purple—Fruits large, good shape and of a dark purple color, very productive and spineless. **½ oz., 20c; oz., 40c; 2 oz., 70c; ¼ lb., $1.00; 1 lb., $4.00; parcel post paid.**

Egg Plants—Plants ready May and June. **Price, by parcel post, doz., 35c; 50 for $1.00; 100 for $1.85. By express, not prepaid, doz., 25c.; 50 for 75c; 100 for $1.50.**

Kale or Borecole.

Sow from 2 to 3 pounds to the acre. Make excellent greens for spring and winter use. Sow in March or September in drills or broadcast. **Packet, 5c, any variety, or 3 packets for 10c; parcel post paid.**

Dwarf German Curled Kale.

Dwarf German Curled—Very hard, leaves curled. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Emerald Isle—A beautifully curled and crimpled sort, of strong, vigorous habit, perfectly hardy, attractive appearance and a bright green color. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c; parcel post paid.**

Tall Curled Scotch—A beautiful curled tall growing variety. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; parcel post paid.**

Thousand-Headed Kale—Sow early in April or any time thereafter until midsummer. It is greatly relished by hogs, cattle and sheep. Sow 3 lbs. to the acre. **1 oz., 10c; ¼ lb., 20c; 1 lb., 45c, parcel post paid. By express, 5 lbs., $1.50; 10 lbs., $3.00.**

White Vienna Kohl-Rabi.

Kohl-Rabi.

One ounce will produce 2,000 plants. Sow in March and April, in drills, thinning plants to six inches apart.

White Vienna—This is the best and earliest variety for table use. **Packet, 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.**

Leek.

One ounce will sow about 100 feet of drill. Sow early in spring, thin to six inches apart; make rows wide enough to cultivate.

London Flag—Broad leaves, of strong and vigorous growth. Packet, 5c; 1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.

Gourds, Etc.

Balsam Apple—Pkt., 5c.	**Orange Gourd—Pkt., 5c.**
Dipper Gourd—Pkt., 5c.	**Ornamental Gourds—Pkt., 5c.**
Dish Rag or Luffa—Pkt., 5c.	**Sugar Trough—Pkt., 5c.**
Nest Egg Gourd—Pkt., 5c.	**Calabash Pipe Gourd—Pkt., 10c.**

Herb Seeds.

Sow seeds in shallow drill a foot apart, and when up thin out and transplant to a few inches apart.

	Packet, Parcel Post Paid.
Basil Sweet—For flavoring soups	$ .05
Dill, Mammoth—Used for flavoring pickle	.05
Lavender—For oil and distilled water	.05
Marjoram, Sweet—Used in seasoning meats	.05
Rosemary—Aromatic leaves are used for seasoning	.05
Savory, Summer—Used as a culinary herb	.05
Sage, Broad Leaved—A popular flavoring plant	.05
Thyme—Much used for seasoning	.05

Horseradish Sets.

Roots will produce good radish fit for use in one season's growth. Plant the set small end down, so that the top will be 2 inches under the soil.

Large White—The standard market variety. **Doz., 25c; per 100, $1.25, parcel post paid. By express, doz., 20c; 100 for $1.00.**

New Bohemian Horse Radish—A much earlier and better producer than the common sort. The roots grow larger and whiter, and the quality is superior. **Doz., 35c; per 100, $1.50; parcel post paid. By express, doz., 25c; 100 for $1.25.**

Endive.

One ounce will produce 2,000 plants. Sow early and as soon as large enough thin to 15 inches apart.

Large Green Curled—Very ornamental, its leaves being beautifully colored and delicately cut. **Packet, 5c; 1 oz., 20c; 2 oz., 35c., ¼ lb., 50c; 1 lb., $1.75; parcel post paid.**

Philadelphia Mammoth Green Curled—A very strong-growing mammoth sort, used extensively around Philadelphia. **Packet, 5c; oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.00, parcel post paid.**

Garlic.

The sets should be planted in well-enriched soil early in spring, the rows 1 foot apart, and about 3 inches between the plants in the row. Harvest same as onions. **Sets, ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Lettuce

One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every two or three weeks for Succession Lettuce should be transplanted; it is then surer to head. **Per pkt., any variety, 5c; 3 pkts., 10c; parcel post paid.**

Schwill's Perfection—A very large variety, one of the largest of the cabbage sorts. It is especially adapted for planting in the fall and winter, and makes a fine, tender, buttery head. A number of our best local market gardeners have been growing it and find it unsurpassed for a fine, heavy shipping variety. **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $2.00; parcel post paid.**

Schwill's Magnificent Lettuce.

Schwill's Magnificent Hot Weather Lettuce—Absolutely the best firm heading lettuce to grow during the early and late summer months. Does not scald or burn and will make heads where other varieties fail. Resembles California Butter, but the head is more compact, larger and will stand longer before bolting to seed, which is the trouble with most varieties in the South. Heads quickly, and after repeated trials we have found it the best smooth, sure heading lettuce for all seasons. **1 oz., 35c; 2 oz., 60c; ¼ lb., 90c; 1 lb., $3.00, parcel post paid.**

Grand Rapids—A good Lettuce to sow outside early in the spring for family use. Very beautiful in appearance. Of rapid, upright growth, and may therefore be planted quite close; and not liable to rot; retains its freshness a long time after being cut. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.50; parcel post paid.**

May King—A large, light green, very early heading sort, which does exceedingly well either for an early outdoor crop or for forcing under glass. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.35; parcel post paid.**

Mignonette—Small, solid heading, crumpled leaves, edged with reddish brown. The flavor is fine and the leaves crisp. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.35; parcel post paid.**

Wonderful—Very large and solid. The inner portion is a beautiful white, the outer leaves dark green. Does remarkably well through the summer months. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.50; parcel post paid.**

California Cream Butter—A large, very solid heading sort, which will stand extreme heat or cold. Leaves thick and will stand shipping remarkably well. Outer leaves tinged bronze. **1 oz., 20c; 2 oz., 35c; ¼ lb., 50c; 1 lb., $1.25; parcel post paid.**

Iceberg—Solid heading and slow to shoot to seed. The plants are very compact and can be set close together. Interior of heads are remarkably well blanched and the quality is exceedingly buttery, tender and sweet. The leaves are so brittle as to suggest the name "Iceberg." **1 oz., 25c; 2 oz., 40c; ¼ lb., 60c; 1 lb., $1.25; parcel post paid.**

Brown Dutch Cabbage—A very hard kind, forms a solid head; good for winter. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.25; parcel post paid.**

Large White Cabbage Head—A desirable variety for summer or fall use, forming very large, compact and beautiful heads. Color light green, stands both heat and drought remarkably well; very highly recommended. It is undoubtedly the best summer variety, the heads will frequently weigh from 2 to 3 pounds each. **1 oz., 15c; 2 oz., 30c; ¼ lb., 45c; 1 lb., $1.00; parcel post paid.**

Hubbard's Market—A large cabbage variety, forming a solid head, buttery and yellow inside, and of very fine flavor. Color light green. **1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.00; parcel post paid.**

Black Seeded Simpson—One of the best loose-leaved curled sorts for sowing outdoors. Can be grown all through the season. Very tender and remains in condition for use for long time. **1 oz., 15c; 2 oz., 30c; ¼ lb., 50c; 1 lb., $1.00; parcel post paid.**

Big Boston Lettuce.

Big Boston—Our strain of this very popular variety is unsurpassed. Plants are large and vigorous, leaves light green, slightly tinged with reddish brown; stands very long before shooting to seed. Can be grown in the open ground, in the spring or fall, or in frames for early spring planting, does particularly well in cold weather and is especially recommended for fall planting in the South. Is very popular with gardeners and truckers, because it always produces large, solid, salable heads; and with private growers because it heads up at all seasons of the year and is of crisp, tender quality. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60; 1 lb., $1.50; parcel post paid.**

White Cos, Romaine, or Celery—This variety grows strong and upright, producing long leaves which should be tied up and blanched before cutting, which makes them very crisp and tender. **1 oz., 25c; 2 oz., 40c; ¼ lb., 65c; 1 lb., $1.50; parcel post paid.**

Standard Varieties Lettuce.

Price, 5c Per Packet, any variety, 3 Packets for 10c.

Prices, Parcel Post, Paid.

	1 oz.	2 oz.	¼ lb.	1 lb.
Deacon	$ .15	$ .25	$ .45	$1.00
Early Curled Simpson	.15	.25	.45	1.00
Golden Queen	.25	.40	.60	1.40
Hanson Improved	.15	.25	.45	1.00
Mammoth Black Seed Butter	.20	.35	.50	1.10
New York Head	.25	.40	.60	1.35
Prize Head	.15	.25	.45	1.00
Passion	.20	.35	.50	1.25
St. Louis Market	.25	.40	.60	1.35

Lettuce Plants—Varieties: Big Boston, White Cabbage Head; ready March 10th. **50 for 25c; 100 for 40c; 1,000 for $3.00. By parcel post, 50 for 35c; 100 for 60c.**

Cantaloupe or Muskmelon

Rocky Ford Cantaloupe.

One ounce will plant about 50 hills, 2 pounds to the acre. The soil best adapted to the culture of Melons is a warm, rich, sandy loam. Plant in hills 5 or 6 feet apart each way, 10 or 12 seeds in a hill. When they begin to vine, thin out, leaving only 4 of the most thrifty. As melons are very sensative to cold, they should not be planted till the settled warm weather begins—in this latitude, about the middle of April. **Price, 5c per pkt., any variety, or 3 pkts. for 10c.**

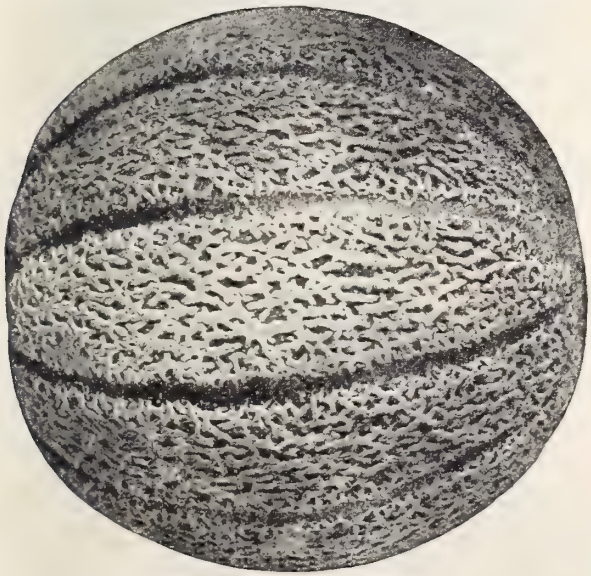
Burrell Gem Cantaloupe.

Rocky Ford—An early, small, round, green fleshed melon, nearly perfect globe in shape. Remarkably uniform in size, weighing from 1¼ to 1½ pounds. Very thick netted with thin rind. Skin green and heavily ribbed; flesh, light green in color, melting and uniform, of a very luscious flavor. Very prolific and early in ripening. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 80c; parcel post paid.**

Hoodoo—It is similar in shape to the Rocky Ford, but slightly flattened from stem to blossom end. The ribs are thickly covered with netting; the skin is tough; flesh salmon color and of delicious flavor. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; parcel post paid.**

Early Netted Gem—Grows medium size, and in flavor and sweetness is unexcelled by any other sort; shape nearly globular; well covered with coarse netting; well ribbed; flesh sweet and sugary to the rind. One of the earliest. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c; parcel post paid.**

Paul Rose Cantaloupe—It is similar in shape to the Rocky Ford, but slightly flattened from stem to blossom end. The ribs are thickly covered with netting; the skin is tough; flesh salmon color and of delicious flavor. **Packet, 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; parcel post paid.**



Mammoth Rocky Ford Cantaloupe.

Mammoth Rocky Ford Cantaloupe—This is without doubt the finest strain of Rocky Ford on the market. Every melon is subjected to a rigid examination before being selected for seed, and they must conform to a standard set down by what the originator claims is the embodiment of an ideal melon. The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; parcel post paid.**

Burrell's Gem—This cantaloupe is similar in appearance to the Rocky Ford Netted Gem, except it has a pinkish flesh instead of green, has a tough thin rind, well netted; is very solid, a splendid market variety. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 85c; parcel post paid.**

Prolific Netted Nutmeg—This splendid melon is one of the very best varieties for either home use or the market that has been introduced for many years. It has a firmness of rind and structure of flesh peculiarly its own, superior in this respect to any other melon in existence; has a very small seed cavity, deep green flesh, and is of very uniform shape, average diameter of about 5 inches. **1 oz., 10c; 2 oz., 20c; ¼ lb., 35c; 1 lb., 85c; parcel post paid.**

Baltimore or Acme—Early; oblong, pointed; light green flesh. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; parcel post paid.**

Banana—Long, smooth, yellow skinned; salmon flesh. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; parcel post paid.**

Tip-Top—Fruit large size, nearly round, slightly ribbed and covered lightly with shallow netting. Skin cream-colored, flesh thick, deep yellow and very luscious. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; parcel post paid.**

Osage, or Miller's Cream—Fruit medium size to large, nearly round, slightly ribbed, dark green, almost smooth. Flesh very thick, deep salmon color and of the finest quality. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; parcel post paid.**

NITRO-HUMUS.

Prepared humus or vegetable mould is a great soil regenerator and plant food. Rich in nitrogen, moisture retaining, and odorless. Absolutely free from weed seeds. The very best material for top dressing lawns, and for indoor use in conservatories and in flower boxes and pots. **100-lb. bag $1.00; ton (2000 lbs.) $12.00; carload lots in bulk at $10.00 per ton.**

Large Baltimore Cantaloupe.

Large Baltimore—This is one of the best of large Cantaloupes for main crop. The flesh is thick, of a beautiful deep rich green color, and of excellent flavor. It is well ribbed and thickly netted; the size is somewhat larger than the regular Baltimore or Acme. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; parcel post paid.**

Watermelons

One ounce to forty hills; three or four pounds to the acre. Drop in the middle of spring, in hills six to eight feet apart, six to ten seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section. **Price, any variety, 5c per pkt.; 3 pkts. for 10c; postage paid.**

Alabama Sweet—This excellent shipping melon is the leading sort grown by Texas and other Southern melon growers' associations and extensive individual growers. The rind is dark green marked with a still darker green mottled stripe, and while thin it is very tough, making the melon a first-class shipper. The flesh is bright red, fine grained, sweet and luscious. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; parcel post paid.**

Monte Cristo—Unequaled for the home patch or for nearby markets. Vine very productive; of the most luscious, medium-sized oval melons, with a dark green rind; flesh is bright red, sweet and tender. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**

Halbert Honey—A large, attractive, oblong shape; rind dark green, flesh crimson; very sweet and tender. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**

Mountain Sweet—Large, oblong, dark green; flesh solid and very sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c; parcel post paid.**

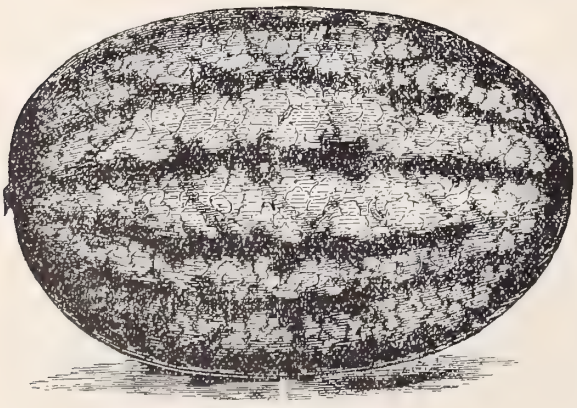
The Bradford—A fine flavored melon, oblong in shape, with rather square ends. The skin is very dark green with darker stripes. Dark red in color and of excellent flavor. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**

Florida Favorite—Fruit long, dark green, mottled and striped with a lighter shade. Rind thin but firm. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 60c; parcel post paid.**

Kolb's Gem—Fruit nearly round, medium size; skin marked with irregular stripes of light and dark green. A good shipper, and of good quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Sweet Heart—A splendid shipper, early, large, oval, light green. Rind thin, but firm. Flesh bright red, sweet, very tender, firm and solid. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Georgia Rattlesnake—Large, oblong, striped, flesh red, of fine quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

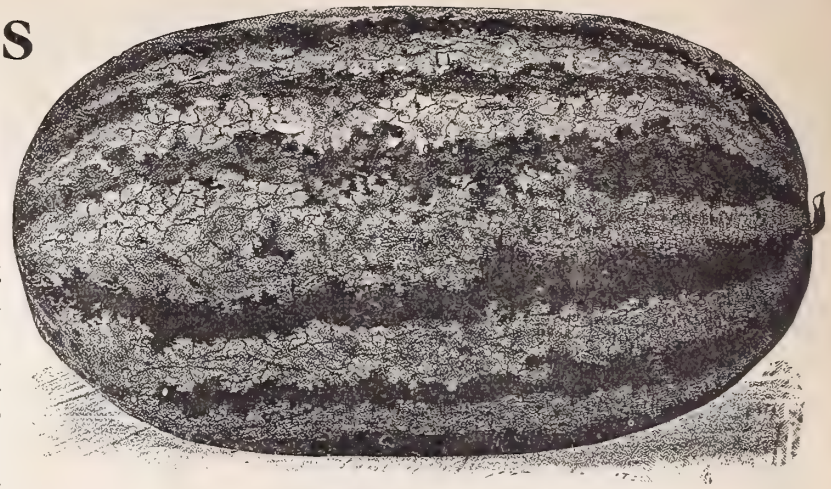


Tinker Watermelon.

Tinker Watermelon—A melon strictly for home use and nearby markets. Sweetest of all melons, having a distinct honey-like taste. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 75c; parcel post paid.**

Triumph—Similar to Kolb's Gem, except darker green and attains larger sizes. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c, parcel post paid.**

Tom Watson Watermelon ..... (See page 6 for price)
Angel Kiss Watermelon ..... (See page 6 for price)
Temple Gray Watermelon ..... (See page 6 for price)



Jackson Watermelon.

Jackson Watermelon—If asked to name the sweetest melon for home use, we would name the Jackson. It is a long melon, with mottled green skin, firm red meat and ripens close to the rind. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 85c; parcel post paid.**

Duke Jones—Dark green with, irregular lighter colored stripes; quite prolific, of good quality, dark red flesh. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c; parcel post paid.**

Cuban Queen—Grows to a large size, oval in shape, skin marked regularly, flesh crisp, juicy and sugary. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 55c; parcel post paid.**

Black Diamond—Immense size; grows to average 75 to 90 pounds; rich, dark green, uniform, round to oval shape; flesh deep red, of fine quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Kleckley Sweet Watermelon.

Kleckley's Sweet—This very popular melon is one of the best for nearby markets. Fruits are medium size, oblong, of a dark green color and have very thin rind. Flesh bright scarlet with solid heart, crisp, sugary and melting, and entirely free from stringiness. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c; parcel post paid.**

Harris' Earliest Watermelon.

Harris' Earliest—Extra early, medium size, oval shaped with mottled broad stripes of light and dark green. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25; parcel post paid.**

Mustard.

One ounce will sow about 80 feet of drill. For early salad sow in February, and for general crop at intervals through the spring, in rows 6 inches apart, and rather thick in rows. **Packet, 5c; 3 packets, 10c; any variety.**

Elephant Ear—This is a splendid variety for the market gardeners and amateurs, and will surely give satisfaction wherever planted. The leaves are beautifully curled, much more than our regular curled variety, but the same quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c; parcel post paid.**

Chinese Mammoth — A European variety, with light green very large leaves. It has not the same taste as the large-leaved or the large curled, but will stand longer before going to seed. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; parcel post paid.**

Southern Giant Curled—The favorite kind here, sown largely for the market. Leaves are pale green, large and curled or scalloped on the edges. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c; parcel post paid.**

Mushroom Spawn.

Mushrooms can be grown in cellars, in sheds, in hotbeds, or sometimes in open air. Fermenting horse manure at a temperature of about 70 degrees, mixed with equal weight of fresh sod loam, is made into beds the size required, 8 inches deep. In this bed plant the broken pieces of spawn, 6 inches apart, covering the whole with 2 inches of light soil, and protect from cold and rain. The mushrooms will appear in about 6 weeks. Water sparingly with lukewarm water. Full cultural directions free with order if requested. **Price, by parcel post, per brick, 35c; 5 bricks, $1.25. By express, not prepaid, per brick, 25c; 5 bricks, $1.00.**

Okra.

One ounce will plant 100 hills. In mild climate plant late in April and May, in hills about 2½ feet apart, and thin to 3 plants in a hill.

French Market—Very early, prolific; pods round and tender.

White Velvet Pod—Smooth, round pod Okra; tender and well flavored.

Tall or Long Green—Pods long, slender, dark green; tender.

Early Dwarf Green—Early; pods short and dark green.

Price, any of the above varieties, pkt., 5c; 3 pkts., 10c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.

This Catalogue is published very early, and it is next to impossible to know the exact values of the different items. Remember, however, we give customers the benefit of any decline from these quotations. If market advances, seeds will be sent to value of money remitted at lowest market price.

Onion.

Culture—One ounce will sow 100 feet of drill; 6 pounds will plant one acre. A deep, rich soil, thoroughly worked, is best for this crop. For large, fancy onions: Sow in January or February in hotbeds or trays. As soon as the weather opens and the sets are the size of a goose-quill, transplant in rows, twelve inches apart and four to six inches between the onions. For main crop: Sow in the open ground in March or April in drills twelve inches apart, thinning out afterwards to three or four inches apart.

Prize Taker—Of immense and uniform size; nearly perfect globe in shape and a bright straw color; ripens hard and fine. **1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50; parcel post paid.**

Large Red Wethersfield—Uniform shape, of flattened form; skin is deep purplish red; a splendid keeper; very popular. **1 oz., 15c; 2 oz., 25c; ¼ lb., 45c; 1 lb., $1.10; parcel post paid.**

Yellow Globe Danvers—A well-known standard variety of uniform shape and excellent quality; bright yellow color. **1 oz., 15c; 2 oz., 25c; ¼ lb., 45c; 1 lb., $1.00; parcel post paid.**

Southport Red Globe—The largest and handsomest Onion; an extra deep red color, heavy cropper, tender, mild flavor. **1 oz., 20c; 2 oz., 35c; ¼ lb., 60c; 1 lb., $1.60; parcel post paid.**

Southport White Globe—Handsome, of mild flavor. **1 oz., 20c; 2 oz., 35c; ¼ lb., 75c; 1 lb., $2.00; parcel post paid.**

White Silver Skin—A mild flavored variety; good keeper. **1 oz., 20c; 2 oz., 35c; ¼ lb., 70c; 1 lb., $1.90, parcel post paid.**

Mammoth Silver King—Is a flat shape and of a mild flavor. **1 oz., 20c; 2 oz., 35c; ¼ lb., 65c; 1 lb., $2.00; parcel post paid.**

Red Bermuda—A very early, flat variety, for planting in the fall. The color is a pale red. **1 oz., 25c; 2 oz., 45c; ¼ lb., 85c; 1 lb., $3.00; parcel post paid.**

White Bermuda—This is a beautiful white Onion, largely grown in Southwest Texas. Immense quantities are shipped from Texas to Northern markets every summer. Sow seed in September. **1 oz., 35c; 2 oz., 50c; ¼ lb., 90c; 1 lb., $3.50; parcel post paid.**

Onion Sets.

Culture—Plant 4 inches apart, in rows about half an inch deep and 1 foot between the rows, but do not cover the sets entirely, except the Potato Onion, which should be planted in rows 2 feet apart and 9 inches apart in the row, and covered about one inch.

Notice—Prices by the bushel are subject to fluctuation of the maket, but the prices quoted on quarts, postpaid, will hold good throughout the season, or as long as our stock lasts. All Onion Sets are sold 32 pounds to the bushel.

Prices, Parcel Post, Paid.

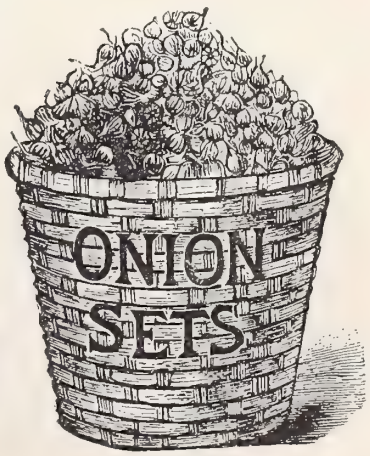
	Qt.	½ Pk.	Pk.
Yellow Danvers	$ .20	$ .55	$1.00
Dark Red Wethersfield	.20	.60	1.10
White Silver Skin	.25	.75	1.15
Red Top Set or Cloves	.25	.70	1.25
Yellow Potato Onion	.35	.90	1.50
White Multiplying Onions	.35	.90	1.50

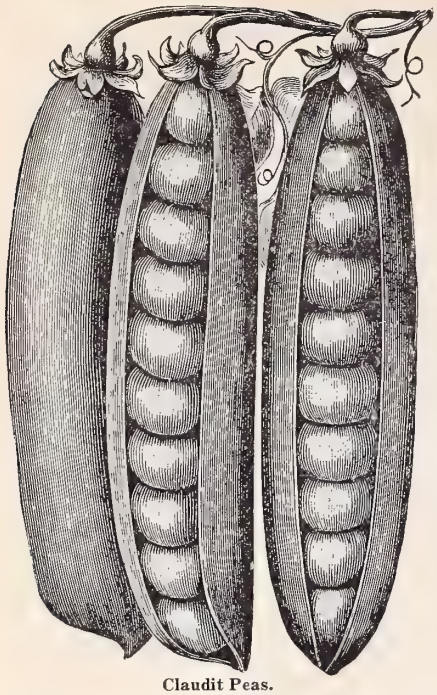
Prices on Onion Sets by express, not prepaid, are given on page 3.

Kindly send us the names and addresses of a few persons who buy seeds and trees. We wish to send them our catalogue, and we will remember the favor in filling your order.

White Velvet Okra.

Southern Giant Curled Mustard.





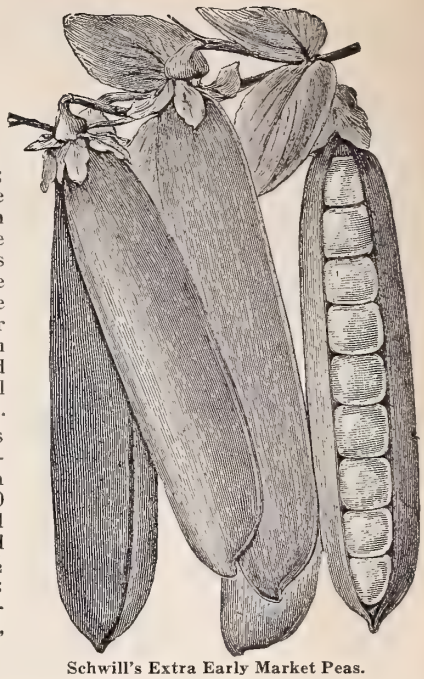
Claudit Peas.

Peas

One Quart Will Plant About 125 Feet of Drill.

Peas mature earliest in a light, rich soil; for general crop, a rich deep loam is the best. When grown in gardens sow in double rows six to eight inches apart, the rows two to four feet apart, the tall ones requiring brush. Commence sowing the extra early varieties as early as the ground can be worked in February or March, and continue for a succession every two weeks until June. The wrinkled sorts marked (*) should not be sown until March 1st, or as soon as ground is warm.

Schwill's Extra Early Market—This makes one of the largest podded and most productive of all the smooth seeded extra early peas. The vines grow about 30 inches in height and can all be gathered in two pickings. Pods large, round and well filled with delicious, tender peas. **½ pt., 15c; 1 pt., 25c; qt., 45c; 4 qts., $1.40; parcel post paid. By express, not prepaid, ½ pt., 10c; pt., 20c; qt., 35c; 4 qts., $1.15.**



Schwill's Extra Early Market Peas.

Claudit—They are the same color and average about one and a half times as large as Alaska, the pods being in about the same proportion. The vines usually grow 2½ feet high, bearing seven to nine peas to the pod. For early market planting it cannot be surpassed anywhere. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

Alaska—The earliest blue Pea, very uniform in growth. The dark green color of the pods makes it extremely desirable; vines 2 feet. **½ pint, 15c; pint, 25c; qt., 40c; 4 qts., $1.25; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 15c; qt., 30c; 4 qts., $1.00.**

Ameer—A new and valuable strain of the popular Alaska Pea, the distinctive superiority being that it makes much larger pods and is more prolific. The vines grow 24 inches. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***Gradus or Prosperity**—This is the earliest large podded pea in cultivation. The peas are tender, sweet, of extra large size; pods average 4 to 4½ inches long and contain from 8 to 10 peas of enormous size and excellent quality. **½ pint, 15c; pint, 25c; qt., 50c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***Potlach or Big Dinner**—Strong, vigorous vines of even growth, 20 to 24 inches in height, with luxuriant dark foliage, bearing pods medium green in color 3½ to 4 inches in length. Broad and pointed at the ends; medium early. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***Telephone**—A fine, tall wrinkled late variety and a great cropper, bearing immense pods of large peas of exquisite flavor. Vines 4 feet. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

Large White Marrowfat—This kind is planted more for the market than any other. It is very productive, and when young, quite tender. Grows about 4 feet high. **½ pint, 15c; pint, 20c; qt., 30c; 4 qts., $1.00; parcel post paid. By express, not prepaid, ½ pint, 10c; pint 15c; qt., 25c; 4 qts., 75c.**

Fill Basket—A variety for the family garden. Vine 34 inches. Long pods and well filled. It is second early and can be recommended for the use of market gardeners, being very prolific. **½ pint, 15c; pint, 20c; qt., 35c; 4 qts., $1.10; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 15c; qt., 25c; 4 qts., 85c.**

***Dwarf Telephone**—A most desirable sort on account of its size, beautiful shape and fine quality. Pods broad and a pale green color. Height twenty inches. **½ pint, 15c; pint, 25c; qt., 40c; 4 qts., $1.25; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 15c; qt., 30c; 4 qts., $1.00.**

***Nott's Excelsior**—A medium-early wrinkled sort of dwarf habit. Pods are numerous and well filled, being quite broad. Height fourteen inches. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***McLean's Little Gem**—A dwarf wrinkled variety. It is early, very prolific, and of excellent flavor. Requires no sticks. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***American Wonder**—One of the best and most desirable dwarf varieties grown. It grows about 15 inches in height, of compact habit and a large cropper. **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.50; parcel post paid. By express, not prepaid, ½ pint, 10c; pint, 20c; qt., 35c; 4 qts., $1.25.**

***Melting Sugar (Edible Pods)**—Grows to the height of 5 feet; bears a profusion of large, broad, brittle pods. Should be used in much the same way as a Wax Bean. **Packet, 15c; ½ pint, 20c; pint, 35c; qt., 60c; parcel post paid. By express, packet, 10c; ½ pint, 15c; pint, 25c; qt., 50c; 4 qts., $1.50.**

Standard Varieties English Peas.

Prices of any of the following varieties: **½ pint, 15c; pint, 25c; qt., 45c; 4 qts., $1.25; parcel post paid.**

Prices, by express, not prepaid, as follows:

	Height	½ Pt.	Pt.	Qt.	4 Qts.
***Champion of England**	48 in.	$ .10	$ .15	$ .30	$1.00
Early May	30 in.	.10	.15	.25	.90
First and Best, Extra Early	30 in.	.10	.15	.25	.90
***Sutton's Excelsior**	15 in.	.10	.15	.30	1.00
***Thos. Laxton**	30 in.	.10	.20	.35	1.00

Market Gardeners Bulk Price List of English Peas, by the peck and bushel, are given on page two.

Tuber Tonic.

The combination Potato Spray, having the desirable quick killing properties of Paris Green, the adhesiveness of Arsenate of Lead, and the fungus preventative qualities of Bordeaux Mixture. Tuber Tonic won't burn the plant, is adhesive and has the tonic properties, therefore helpful to the plant, instead of injuring it by using a strong arsenical preparation by itself. Full directions supplied with every package. **Price, 1 lb., 35c; 5 lb., $1.50. Not mailable.**

Pepper.

One ounce will produce 1,000 plants. Sow early in spring in hotbed and transplant to the open ground as soon as the weather is warm and settled. The seed may also be sown in the open ground, but not until all danger of frost is past.

Chinese Giant Pepper.

Chinese Giant—Plant dwarf, fruit of mammoth size, very broad but rather short. It is very late and a rather shy yielder. Popular on account of its large size and mild flavor. **Pkt., 5c; ½ oz., 25c; 1 oz., 40c; 2 oz., 75c; ¼ lb., $1.40, parcel post paid.**

Crimson Giant—An early maturing large size sweet Pepper, similar in shape to Chinese Giant, but much longer, and flesh thicker. It is exceptionally mild and very prolific, earlier than Chinese Giant. **Pkt., 5c; ½ oz., 25c; 1 oz., 40c; 2 oz., 70c; ¼ lb., $1.35, parcel post paid.**

Long Red Cayenne—Bright red, long in shape, very pungent. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 35c; ¼ lb., 55c.**

Red Chili—Small and very pungent; used for chili sauce. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Bird's Eye or Creole—Very hot, small roundish pods; used for pepper vinegar. **Pkt., 10c; ½ oz., 25c; 1 oz., 50c, parcel post paid.**

Bell or Bull Nose—Large and oblong; a good bearer; not as sweet as Chinese Giant. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Tobasco—Very pungent and strong; a splendid cropper. **Pkt., 10c; ½ oz., 25c; 1 oz., 50c, parcel post paid.**

Mixed Red Hot Pepper—A mixture of all red hot varieties.

Mixed Mango Pepper—A mixture of all sweet peppers.

Price, either mixture, Pkt., 10c; 1 oz., 40c; 2 oz., 70c; ¼ lb., $1.00.

Pepper Plants, Ready April 15th.

Bell or Bull Nose	**Chinese Giant**
Neapolitan Sweet	**Long Red Cayenne**

Price, doz., 35c; 50 for $1.00; 100 for $1.85, parcel post paid. By express, not prepaid, doz., 25c; 50 for 75c; 100 for $1.50.

MAIL ORDERS.

We have the best equipment possible for the handling of Mail Orders. This is the larger part of our business. Our employes are experienced and are employed here all the year round. Your orders are not handled by clerks employed only for the busy season. We fill all orders the first or second day by mail or express, except plants in freezing weather.

Parsnips.

One ounce will sow 200 feet of drill; 5 pounds required for one acre. As the seed is sometimes slow to germinate, it should be sown as early as possible in drills 2 feet to 2½ feet apart; cover ½ inch deep and press the soil firmly over the seed. Give frequent cultivation and thin the plants to 5 or 6 to the foot.

Sugar, or Hollow Crown—Roots very long, white, smooth, tender. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., 85c, parcel post paid.**

Pumpkin.

Culture—One pound will plant 40 hills; 5 pounds will plant an acre. Plant in hills 8 or 10 feet apart each way, allowing 4 seed to a hill. In other respects they are cultivated as melons and cucumbers. **Price, any variety, Pkt., 5c; 3 pkts., 10c.**

Kentucky Field—Large round, soft shell, salmon color; productive; best for stock. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Connecticut Field—A large yellow variety, hard shell, excellent for field culture. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

Striped Cushaw—A crook-necked variety. Skin striped green and white, flesh rich yellow, solid, fine grained, very thick and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Tennessee Sweet Potato—Shape similar to a bell, skin and flesh white, very thick and sweet. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

King of the Mammoth Pumpkin.

King of Mammoth—The largest of all pumpkins. Fruits grow to enormous size, shape almost round, skin orange colored, slightly rough. Flesh deep and of a bright yellow color, quality excellent. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., $1.00, parcel post paid.**

Large Cheese—This is of a bright orange, sometimes salmon color, fine grained, and used for table or stock feed. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Early Sugar—Fine grained; smaller than the Field, but very prolific. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Parsley.

One ounce will sow 150 feet of drill. Sow early in the spring in drills a foot apart. The seed germinate very slowly, and sometimes 2 or 3 weeks will elapse before the plants will make their appearance. It often fails entirely in dry weather. **Pkt., 5c; 3 pkts., 10c; any variety.**

Double or Curled—Leaves crimped or curled; used principally as a garnish for the table. **1 oz., 15c; 2 oz., 25c; ¼ lb., 35c; 1 lb., 90c, parcel post paid.**

Champion Moss Curled—A choice, selected strain, with beautifully crimped and curled leaves. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00.**

Plain or Single—Stronger in flavor than the double varieties. **1 oz., 10c; 2oz., 15c; ¼ lb., 25c; 1 lb., 75c.**

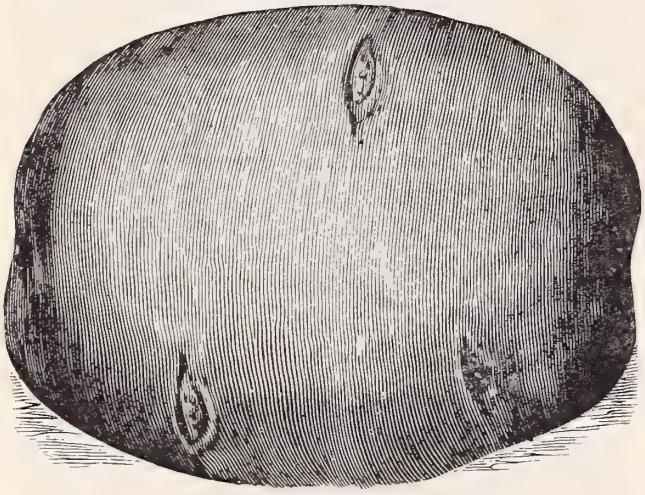
Seed Potatoes

One peck will plant 125 hills in drills; 8 to 10 bushels per acre. The potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. Plant as early in spring as the ground can be had in fair working order, in hills or ridges, about 3 feet apart, cover lightly with soil, about 4 inches deep.

Please give plain shipping directions, and state when you wish Potatoes shipped. We cannot become responsible for changes in weather by which they might be damaged while en route.

All quotations by freight or express below are f.o.b. Memphis, packed in bags, and subject to change of market prices. Shipments at owner's risk.

Early Ohio—In color it is dull red. It matures a week earlier than Early Rose. The flesh is solid, and of extra good flavor and mealy quality. Its extreme earliness and the fact that it is mealy when partially grown, makes it a great favorite with market gardeners. **By parcel post, pk., 90c. By freight, pk., 50c; bu., $1.25; 2½ bu. bag, $3.10.**



Irish Cobbler Potato.

Irish Cobbler—A comparatively new extra early sort, grown in large quantities in some sections, where it is always the first variety ready for market. The flesh is clear white and of good flavor, always cooking dry and mealy. Skin is creamy-white and sometimes netted, an indication of quality. It is a very heavy, reliable cropper, producing handsome almost round potatoes very uniform in size and shape. **By parcel post, pk., $1.00. By freight, pk., 60c; bu., $1.75; 2½ bu. bag, $4.00.**

Second Crop Irish Cobblers—Home-grown seed, of fine quality. These second crop potatoes do not rot as easily as the Northern-grown, they also produce more, but are not quite as early. Some of our gardeners will not plant any but second crop or Southern-grown potatoes, because you make sure crop with them. **By parcel post, pk., 90c. By freight, pk., 50c; bu., $1.50; 2½ bu. bag, $3.75.**

Red Triumph—One of the earliest potatoes grown. Potatoes round, with deeply indented eyes and of pink skin. A very large yielding sort and satisfactory for the earliest market and shipping. **By parcel post, pk., 80c. By freight, at buyer's expense, pk., 40c; bu., $1.25; 2½ bu. sack, $3.10.**

Second Crop Red Triumph—Southern-grown seed, and will make big yield. This seed is usually smaller than the Northern potatoes, therefore will go further in planting. Our stock is fine this season. **By parcel post, pk., 90c. By freight, pk., 50c; bu., $1.50; 2½ bu. bag, $3.75.**

Uncle Gideon's Quick Lunch—A very handsome and productive variety of medium earliness; tubers round, large and uniform in size; vines strong, of a dark green color, stocky and vigorous; skin and flesh white and of fine quality. **By parcel post, pk., $1.15. By freight, at buyer's expense, pk., 75c; bu., $2.00; 2½ bu. bag, $4.50,**

Formula For Scab on Potatoes.

One pint of formaldehyde to 30 gallons of water, soaking the seed potatoes in the solution two hours before planting, allowing them to dry thoroughly before cutting.

Standard Seed Potatoes.

	Pk.	Bu.	2½ Bu.
Carmen No. 3	$ .50	$1.40	$3.25
New York Early Rose	.40	1.25	2.90
New York Early Peerless	.40	1.25	2.90
New York Burbanks	.40	1.25	2.90

By parcel post, any of the foregoing four varieties, pk., 80c, all charges paid within the 1st, 2nd or 3rd zones.

Seed Sweet Potatoes.

All prices here given are packed f.o.b. cars Memphis. Purchaser must pay carrying charges. Prices subject to market changes, and sold at the rate of 45 lbs. to the bushel.

All Seed Sweet Potatoes will be shipped about the 15th of March, as weather before that time is entirely too cold and potatoes will rot when handled or bedded too early. We absolutely make no guarantee whatever on them. They leave our store in good condition, and will be shipped at buyer's risk only.

	Pk.	Bu.
Nancy Hall—Skin yellow; meat, which is a clear amber color, is as sweet as honey	$ .75	$2.50
Bunch Yellow Yam—Finest quality yellow skin and flesh	.75	2.00
Early Triumph Sweet Potato—Flesh bright light yellow, of good size, very prolific and three weeks earlier than any other variety; very large smooth skin, cook soft; vine running	.60	1.75
Gold Coin Bunch Yam—Dark yellow flesh; matures early; vine bushy habit	.75	2.00
Genuine Yellow Yam—The old reliable running yam; deep yellow; flesh cooks soft	.75	2.00
Southern Queen—Matures very early; very productive; white flesh; vine running	.60	1.75

Sweet Potatoes by Parcel Post.

Price, any variety, all charges paid within 3rd zone, 4 lb., 50c; 11¼ lb., or 1 pk., $1.25.

NOTICE.—We will undertake to pack these in good order, selecting them carefully when they leave our office, but it must be distinctly understood that we make no guarantee on them whatever. Sweet potatoes, as soon as handled, rot very easily and we, therefore, cannot be held responsible if they do not keep in transit.

Sweet Potato Plants.

Ready May 1st.

Price, by Express, at Buyer's Expense:	100	1000
Bunch Yellow Yam	$ .25	$2.25
Running Yellow Yam	.25	2.25
Nancy Hall	.25	2.25
Early Triumph	.25	2.25
Southern Queen	.25	2.25
Red Brazilian	.25	2.25
Golden Coin Bunch Yam	.25	2.25

Lots of 5,000 or over, 25c per 1,000 less.

NOTE.—All the so-called Vineless Bunch Yam Sweet Potatoes, if planted in rich soil, make a slight vine. They do not grow erect, bush form. We get the best, purest stock obtainable, and we make no guarantee whatever on same.

Sweet Potato Plants by Parcel Post.

Price, any of the above varieties, by parcel post, within 3rd zone, per 100, 40c; 500 for $1.75; 1000, for $3.00.

Florida Yam Sweet Potatoes.

A new variety from the South, which has been tested by some of our growers the past two seasons, and found to be one of the best. The Florida Yam is earlier, has deeper yellow flesh and is more productive than the Nancy Hall, and in quality fully equal to the latter variety. They will make 300 bushels to the acre and come early, and when you have a deep yellow meated variety that is ready for the market early in August it will make the grower money.

We have only plants to offer this year, ready May 1st, prices as follows: **By parcel post, 100, 75c; 500, $2.90, within 3rd zone. By express, at buyer's expense, 100, 50c; 500, $2.25; 1000, $4.00.**

Cold Storage Potatoes.

We will have a nice lot of different varieties of Seed Potatoes, kept on cold storage for late planting, in July and August. Write for prices in June or July.

Radish.

Sow in drills very early in spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of drill; 10 pounds to the acre. Any variety. **Pkt., 5c; or 3 pkts. for 10c; postage paid.**

Early Scarlet Turnip, White Tipped—One of the handsomest of the turnip radishes and a great favorite. Color very deep scarlet with a distinct white tip; flesh white and of the best quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Early Scarlet Turnip Radish.

Early Scarlet Turnip—A well known and highly esteemed variety; extensively grown for market. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

French Breakfast—Color bright carmine with clear white in the lower portion. Very tender and mild. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

Early White Turnip—A very desirable Summer Radish; grows round, smooth root, crisp and firm. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Long Scarlet Short Top—The best of the long red Radishes. It is very early, of good size, fine quality; good for bunching, and is the most largely planted of all long red Radishes. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Cincinnati Market—This is a selection of the Long Scarlet, with exceedingly small tops, and grows from 6 to 7 inches long; of a beautiful bright scarlet color with a very delicate skin; one of the best and most attractive market varieties. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

California Mammoth Winter—A large late or Winter variety. Pure white; grows partly above ground; keeps well through winter months. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

China Rose, Winter—Of cylindrical shape; color a light rose; has pure white flesh; grows 4 or 5 inches long; a great favorite for winter use. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

Long Black Spanish—A very late variety; grows to large size; skin black; flesh is very firm, and of good quality; it is a very popular market variety. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

Round Black Spanish—Roots round, sometimes top-shaped. Good keeper. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

Round China Rose—Same as China Rose except that the root is round in shape instead of long. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

Scarlet Turnip White Tip Forcing—The best for forcing under glass; has short tops, roots bright red with large white tip; the favorite with market gardeners. **1 oz., 10c; 2 oz., 20c; ¼ lb., 30c; 1 lb., 70c, parcel post paid.**

Chartier, or Shepherd—A very long good summer sort. Color scarlet rose shading to white at the tip. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

Yellow Summer Turnip—The yellow turnip-rooted sort which stands the hot weather better than any of the yellow varieties. Excellent quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

White Vienna, or Lady Finger—Long white, medium early. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 50c, parcel post paid.**

Schwill's Superb Radish Mixture—A superb mixture of all kinds of radishes, early, medium, fall, winter, etc. Sow a row of it, and it will furnish you delicious radishes throughout the year. **1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

Schwill's Perfection White Tip Radish....See page 7 for prices

Schwill's Early Bird Radish.....See page 7 for prices

Icicle Radish .....See page 7 for prices

Rhubarb or Pie Plant.

Sow in spring in seed bed, in drills one foot apart. Cultivate well during the season, and in the autumn or following spring transplant into deep rich soil, from three to four feet apart. The stalks should not be cut before the third year. For immediate use order roots, which come into use at once. **Seed, per pkt., 5c; 1 oz., 30c, parcel post paid.**

Rhubarb Roots.

Delicacy—A fine, large wine-colored stalk. **By parcel post, 1-year plants, each, 15c; doz., $1.25. 2-year plants, each 35c; doz., $2.50. By express, at buyer's expense, 1-year plants, each, 10c; 12 for $1.00. 2-year plants, each, 25c; 12 for $2.00.**

Salsify or Oyster Plant.

One ounce will sow 50 feet of drill; 6 to 8 pounds to an acre. Sow the seed in light, deep soil, early in spring, in drills 12 inches apart and 1 inch deep, thinning out the young plants to 6 inches.

Mammoth Sandwich Island—This variety is large, strong growing, and less liable to branch than the other sorts. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.10, parcel post paid.**

China Rose Winter Radish.

Early Scarlet Turnip White Tip Radish.

Rhubarb or Pie Plant.

White Vienna or Lady Finger Radish.

Spinach.

One ounce to 60 feet of drill; 8 to 10 pounds to the acre. For an early summer crop sow early in the spring, in drills 1 foot apart, and thin out to 2 inches in the row. For winter and early spring crop sow either broadcast or in drills about the first of September or later.

Bloomsdale Savoy Leaved—A valuable variety, wrinkled leaves, resembling the Savoy Cabbage; is very hardy and prolific. **Pkt., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 35c; 5 lb., $1.20, parcel post paid.**

Bloomsdale Savoy Leaved Spinach.

Round Leaved Summer—The best variety to sow in the spring. Makes thick, dark green leaves of finest quality. **Pkt., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 35c; 5 lb., $1.25, parcel post paid.**

Broad-Leaved Flanders Spinach.

Broad Leaved Flanders—This is the standard variety, both for market and family use. Leaves large, broad and succulent. **Pkt., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 35c; 5 lb., $1.25, parcel post paid.**

New Zealand—Grows 1½ feet high, and if transplanted two by three feet will produce an abundant crop in the hot weather when the ordinary spinach cannot be had. **Pkt., 5c; 1 oz., 15c; ¼ lb., 35c; 1 lb., $1.00, parcel post paid.**

Sorrel.

This plant is considered valuable for its acid properties, mixed with salads, it imparts an agreeable and refreshing flavor. Sow in shallow drills 12 inches apart, and thin out the young plants to 6 inches.

Large Leaved French—Pkt., 5c; 1 oz., 15c; ¼ lb., 50c; 1 lb., $1.25; parcel post paid.

Swiss Chard.

Silver Beet, or Cut and Come Again Spinach. This beet produces leaves only, excellent as greens. Cultivate same as spinach, sowing the seed in early spring, in drills 1½ feet apart. **Swiss Chard, packet, 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00; parcel post paid.**

Squash.

One ounce will plant 40 to 50 hills; 3 to 4 pounds to the acre. Sow about the middle of spring in hills—the early sorts about 4 feet apart and the late varieties 6 to 8 feet. **Pkt., 5c; 3 pkts., 10; any variety.**

Early White Bush—Extremely early; one of the best for summer use. Fruit white, with scalloped edges. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 55c, parcel post paid.**

Golden Custard—Mammoth strain of Golden Bush; a valuable new sort; flesh golden yellow, fine quality. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Yellow Summer Crookneck—Early, productive and of good quality; skin orange yellow. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

Giant Yellow Crookneck Squash.

Giant Yellow Summer Crookneck—Double the size of the ordinary Crookneck, and very warty, but similar in other respects. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 65c, parcel post paid.**

Hubbard—One of the best winter squashes; flesh bright orange yellow, fine grained, very dry, sweet and richly flavored. **1 oz., 10c; 2 oz., 15c; ¼ lb., 30c; 1 lb., 75c, parcel post paid.**

Mammoth Chili—The "Jumbo" of the Squash family. Outer color rich orange yellow; skin is quite smooth with wide fissures. Flesh very thick and of a yellow color. **1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.00, parcel post paid.**

Mammoth White Bush, Scalloped—An improved variety of the well known White Bush Squash, growing 12 to 25 inches across; of uniform shape, of a beautiful white color, very early and prolific. **1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Tobacco.

Culture—Tobacco can be grown by any one that can grow cabbage. The seed should be sown on a well prepared seed bed in the spring and a piece of canvas stretched across the top to protect against the weather. When plants are about six inches high, set out two feet apart in rows three feet apart; spray with Paris green to keep the insects off.

Havana—Packet, 10c; 1 oz., 40; parcel post paid.

Connecticut Seed Leaf—Packet, 5c; 1 oz., 25c; parcel post paid.

Kentucky White Burley—Packet, 5c; 1 oz., 35c; parcel post paid.

Swiss Chard.

QUANTITY OF SEED TO USE.

Stinting the quantity of grass, clover and grains to be sown to the acre is poor economy. Tables given in our booklet will give reliable information on this point. These are authentic and should be adhered to, whether using seed in the garden or for field use. It is a good practice to lime any land that is inclined to be sour; do this before planting.

Mammoth White Bush Squash.

Tomato

Culture—Sow in hotbed or shallow boxes in the house in early spring; when plants are large enough, transplant in hotbed or boxes and when all danger from frost is past transplant in open ground about 4 feet apart each way.

Early Detroit—This is not only the most productive of the early purplish-pink Tomatoes, but in uniformity and size of fruit, freedom from cracking and from tendency to blight it has been found to meet the most exacting requirements. Vine vigorous and very productive. Fruits smooth, uniform in size, nearly globe-shaped, firm, excellent quality. Better than Acme, as it does not crack and holds size during the season; a favorite now with our market gardeners. **Packet, 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Livingston's Globe—A large, purple fruited sort of excellent quality. Fruits rather uneven in size but very smooth, and mature earlier than most main-crop sorts. The average tomato is very deep, almost globe-shaped and very solid. **Packet, 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Early Detroit Tomato.

Schwill's Market Gardener—We believe this to be the best early purple fruited tomato we have ever offered. It is earlier in maturing than the Beauty, the fruits produced average more nearly globe-shaped, are heavier, equally as firm, smooth and suitable for shipping. **Packet, 10c; ½ oz., 25c; 1 oz., 50c; 2 oz., 75c; ¼ lb., $1.25, parcel post paid.**

Earliana—Very early. Habit of vine dwarf and compact. Fruit ripens in 85 or 90 days after germination of seed. Fruit borne in clusters of from 10 to 15 in a bunch. A remarkable variety, and one which is in good favor among market gardeners, ripening in about 100 days. **Packet, 5c; ½ oz., 15c; 1 oz., 25c; ¼ lb., 70c, parcel post paid.**

Acme—Hardy, vigorous and productive; fruit large, smooth, round; color pink. An old and well-known sort. **Packet, 5c; ½ oz., 15c; 1 oz., 25c; ¼ lb., 65c; 1 lb., $2.00, parcel post paid.**

Chalk's Early Jewel—This is a fine, large, early sort. Vines very vigorous and productive; fruit very solid; an excellent shipper. Plants are strong, robust, very prolific, not subject to blight. Comes in bearing a few days after Earliana but is much more desirable on account of size and quality. **Packet, 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 45c; ¼ lb., 75c; parcel post paid.**

Red Rock—A large, late, red variety. Larger than stone and very solid; almost solid meat. **Packet, 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

June Pink—Similar in all respects to Earliana, except the fruit is a pinkish purple instead of scarlet, and the bulk of the crop ripens a little later. One of the best extra-early, purple-fruited sorts. **Packet, 5c; ½ oz., 20c; 1 oz., 30c; 2 oz., 50c; ¼ lb., 75c, parcel post paid.**

Perfection—Almost round fruits; smooth, tough skin of brilliant scarlet; ripens thoroughly; solid and of rich flavor. **Packet, 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Schwill's Market Gardener Tomato.

SCHWILL'S BANNER COLLECTION.

Twelve packets of best garden seed for only 25c; postage paid. One packet each of the following varieties:

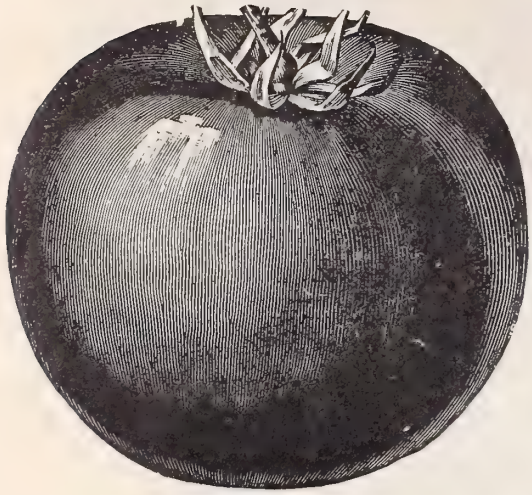
Beet, Blood Turnip	Melon, Rattlesnake
Cabbage, Wakefield	Mustard, Southern Curled
Cabbage, Flat Dutch	Radish, Scarlet Turnip
Collard, Southern	Squash, Early White Bush
Cucumber, Long Green	Tomato, Early Acme
Lettuce, Deacon Head	Turnip, Purple Top Flat

Otto Schwill & Co., Memphis, Tenn.

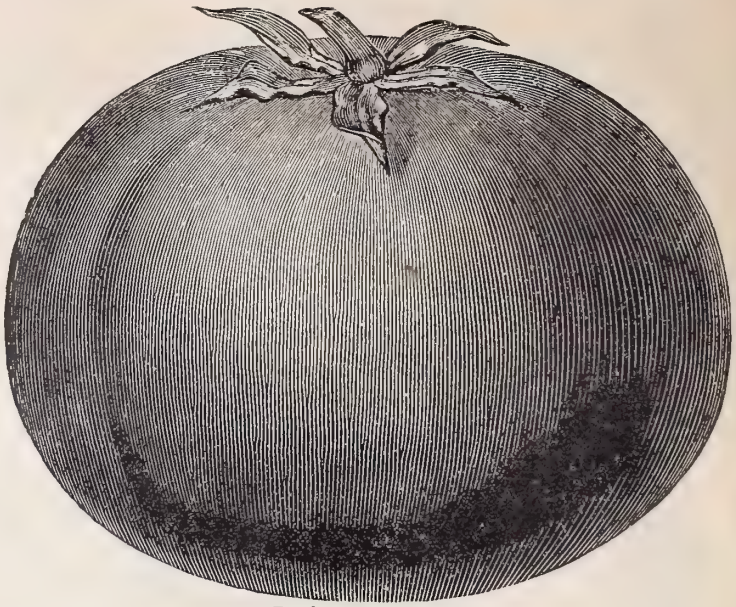
Gentlemen:—Please send me one of your large catalogues. I was well pleased with your seeds last year and made a fine crop with them, and will never plant any other seed but Schwill's.

Harriston, Miss. Yours truly, C. E. THOMPSON

Tomato



Stone Tomato.



Ponderosa Tomato.

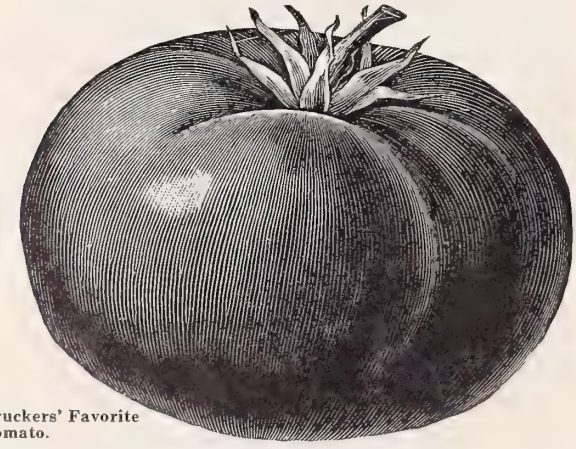
Stone—A large red tomato and one that can be recommended generally for all purposes, whether home use, market, or canning. It is especially desirable for late planting. As the name indicates, it is very solid and firm; large size, ripens evenly, and is a good keeper. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Baltimore Queen—Color a rich glossy pink; a very heavy cropper; fruit large, firm and heavy. It averages 8 to 10 fine tomatoes in a cluster; ripens evenly up to stems; not subject to blight. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 75c, parcel post paid.**

Beefsteak—The largest and heaviest smooth tomato offered. The color is crimson and of a most agreeable acid flavor. **Pkt., 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Beauty—Rich, glossy crimson, with a slight purple tinge. The fruit grows in clusters of four to five, is of large size, very smooth, and retains its character till late in the season. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Favorite—A large, handsome and uniform-shaped tomato; solid, smooth and bright scarlet; ripens early. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**



Truckers' Favorite Tomato.

Trucker's Favorite—The finest large fruited purple tomato. Most regular in form and size; thick meated and very solid. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Preserving Tomatoes.

The following small-fruited varieties are used for making preserves, and are also quite ornamental while growing in the garden: **Prices uniform as follows: Pkt., 5c; ½ oz., 25c; 1 oz., 40c, parcel post paid.**

Yellow Pear Shape	Red Peach
Red Pear Shape	Strawberry or Husk.

Ponderosa—A purplish pink tomato of the largest size. Vine vigorous and very productive. Fruits very solid, with exceptionally few seeds, fairly smooth and considered of very good quality, especially by those who prefer a tomato quite free from acid. Ripens about midseason. Very desirable for slicing. **Packet, 5c; ½ oz., 20c; 1 oz., 35c; 2 oz., 60c; ¼ lb., $1.00, parcel post paid.**

Dwarf Ponderosa—Compact bushy habit; fruit immense in size, of a rich purple crimson color, and as solid as a rock, perfectly smooth like all the dwarf tomatoes, the plants are vigorous and do not blight as easy as the running or vine varieties. **Packet, 10c; ½ oz., 30c; 1 oz., 55c; 2 oz., $1.00; ¼ lb., $1.50, parcel post paid.**

Yellow Ponderosa—A giant-fruited yellow skin tomato, similar in every way to the ordinary Ponderosa excepting in color, which is a golden shade; fruits very large and of fine quality. **Packet, 10c; ½ oz., 30c; 1 oz., 55c; 2 oz., $1.00; ¼ lb., $1.50, parcel post paid.**

Matchless—One of the best main crop sorts. Fruits very large, smooth, exceedingly solid and of a good red color. It is quite prolific and matures a little later than Stone. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 70c, parcel post paid.**

Trophy—Large, late, bright red, and good cropper. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 40c; ¼ lb., 60c, parcel post paid.**

Dwarf Stone Tomato.

Dwarf Stone—Vine dwarf but vigorous and productive. The bright red fruit is of good color, exceedingly smooth, very solid. **Pkt., 5c; ½ oz., 15c; 1 oz., 25c; 2 oz., 50c; ¼ lb., 80c, parcel post paid.**

Tomato Plants.

Ready March 25th. Varieties—Acme, Early Detroit, Beauty, Stone, Ponderosa, Earliana.

Price by parcel post (hotbed stock) as follows: 12 for 25c; 50 for 40c; 100 for 70c.

Price by express, at purchaser's expense: 12 for 15c; 50 for 30c; 100 for 50c; 1000 for $4.00.

Transplanted Strong Plants, by parcel post: 12 for 35c; 50 for $1.25; 100 for $1.85.

Price, by express, at buyer's expense: 12 for 25c; 50 for $1.00; 100 for $1.50; 1000 for $10.00.

Turnips

Early White Flat Dutch Turnip.

One ounce will sow 100 feet of drill; 2 pounds per acre broadcast. Turnips do best in a highly enriched, sandy, gravelly or light loamy soil. Commence sowing the earliest varieties in February. For a succession, sow at intervals of a fortnight until the last week in May, and from the first of July to the end of September, sowing may be made for the fall and main crops.

Extra Early Purple Top Milan—Similar to White Milan, except roots are a little flatter and purple-red on upper portion. All in all, the Milan turnips leave nothing more to be desired in the way of an extra-early garden turnip. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

Extra Early White Milan—Variety remarkably early; top very small, upright and compact, so that rows can be planted close together. Roots clear white, very smooth, flat and symmetrical; flesh white, sweet and tender. **Packet, 5c; 1 oz., 10c; 2 oz., 15c: ¼ lb., 25c; 1 lb., 75c, parcel post paid.**

Purple Top Flat Strap Leaf—An early flat sort; crown purplish-red, white below, flesh white. Will make a crop sown among corn. Used principally for stock. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

Extra Early White Egg—Is very early, tender and crisp. The shape is oblong, resembling an egg. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Early White Flat Dutch S. L.—A very quick-growing white variety, adapted for spring sowing. **Packet, 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

Mammoth Purple Top White Globe—Flesh white and of excellent quality; shape is nearly a globe; skin white at bottom, purple at top. **Packet, 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Large White Globe—Of perfect globe shape; skin white and smooth; leaves large and dark green. **Packet, 3c; 1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

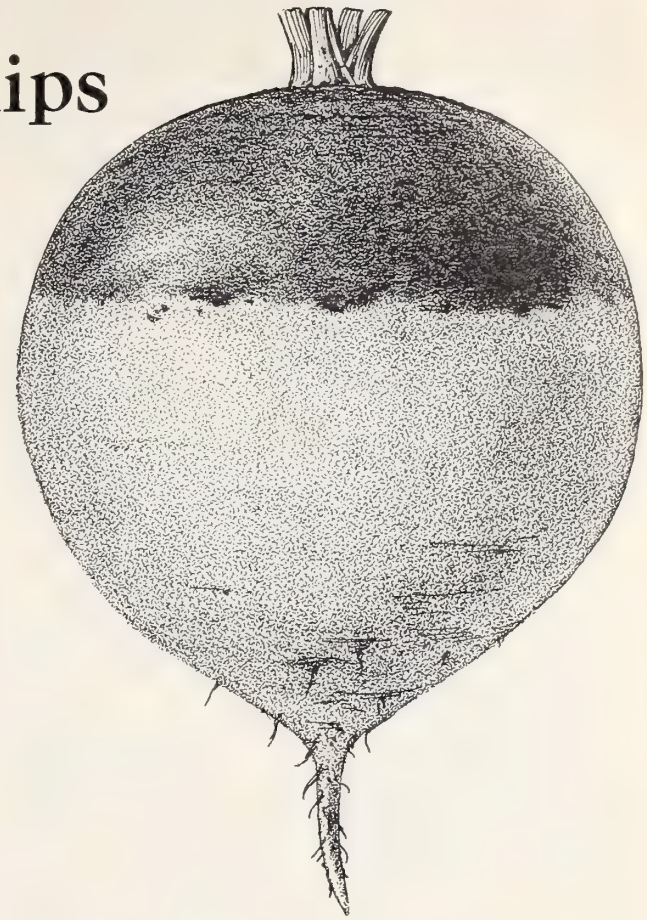
Purple Top Yellow Aberdeen—A medium-sized, round late-maturing yellow turnip. Roots yellow with purple crown; flesh pale yellow. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

Seven Top—Cultivated extensively in the South for tops, which are used for greens. It is very hardy and will grow all winter. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 50c, parcel post paid.**

All quotations on Grass Seeds are subject to market changes. Special quotations will be given at any time. State what quantity you wish.

Improved Purple Top Yellow Rutabaga.

Red or Purple Top Strap Leaf Turnip.



American Red Top White Globe Turnip.

American Red Top White Globe—A large globular variety very even in shape and of handsome appearance. The crown is purplish red and the remaining portion clear white. The flesh is white, of excellent quality and desirable for table use. The variety is a good keeper and a fine market sort. This seed is grown for us on special contract and is far superior to the ordinary imported stock. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c; parcel post paid.**

Large Amber Globe—Grows to a large size, skin yellow, with green crown. Flesh yellow. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 20c; 1 lb., 45c, parcel post paid.**

Dixie Land—Similar to Seven Top, but the tops are more abundant, and it makes a fine large white turnip that stands in the open ground all winter. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Superb Mixed Turnips—A mixture of all varieties, lasting from early fall to the following spring. **1 oz., 5c; 2 oz., 10c; ¼ lb., 20c; 1lb., 50c, parcel post paid.**

Rutabaga.

Swedish or Russian Turnips.

Improved Purple Top Yellow—Grows the same shape and size as Purple Top Globe Turnip. Color of skin yellow with purple crown. Flesh deep yellow, fine grained and of excellent quality. It is an excellent keeper. The top is much shorter than most Rutabagas; it has absolutely no neck and is a rapid grower. Can be planted as late as September 15th. **Packet, 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Carter's Elephant—The largest and heaviest yielding yellow fleshed sort. It produces large, oval-shaped roots; flesh very solid, fine grained. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 70c, parcel post paid.**

Johnson's Favorite—A popular English Yellow Swede. A decided favorite with our local trade. Has short neck, shape oblong. **Pkt., 5c; 1 oz., 10c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Long Island Purple Top—A hardy and productive variety; flesh yellow, of solid texture, sweet and well flavored; shape slightly oblong, terminating abruptly; color deep purple above ground and bright yellow underneath. **Packet, 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., 60c, parcel post paid.**

Flower Seeds

General Culture Directions.—Most Flower Seeds germinate well in a rather light, sandy loam, exposed to the sun, while a few are benefited by partial shade, and some do best with an element of clay finely mixed with the soil. Nearly all the hardy seeds germinate better when planted in early spring, as soon as the soil can be worked fairly easy.

We have made our list of Annuals and Perennials under separate headings.

Special offer of Flower Seed in Packets. We will send you, Postage paid:

3— 5c Packets for	$ .10
8— 5c Packets for	.25
17— 5c Packets for	.50
35— 5c Packets for	1.00
3—10c Packets for	.25
7—10c Packets for	.50
15—10c Packets for	1.00

Note carefully the price of every variety before you order. Some are sold at 5c a packet and others at 10c a packet.

Annual Flower Seed

Asters.

This has become one of the most popular, beautiful and effective garden plants, growing from 10 to 24 inches high. Sow the seed early in the spring, under glass or in pots in the house, and transplant into rich soil.

Semple's Branching Asters—This superb strain is of American origin, and is especially adapted to our climatic conditions. The plants form strong, branching bushes, 2 to 2½ feet high, bearing on long, strong stems their handsome Chrysanthemum-like flowers, which, under ordinary cultivation, average 4 inches across.

Crimson, packet	**10c**	**Lavender, packet**	**10c**
Pink, packet	**10c**	**Purple, packet**	**10c**
White, packet	**10c**	**Mixed, all shades, pkt**	**10c**

Aster, China, Mixed—Well-known, hardy variety. **Packet, 5c.**

Aster, Comet, Mixed—Giant-flowered, very fine. **Packet, 10c.**

Aster, Paeony Flowered—Large and double mixed. **Packet, 10c.**

Aster, Victoria—Imbricated petals; large flowers. **Packet, 10c.**

Aster, Mixed—A general mixture of all colors. **Packet, 5c.**

Alyssum, Sweet—One of the sweetest and most useful of summer flowers for edging, borders, rock work, etc., continues in bloom the entire season. Flowers white, 1 foot, hardy annual. **Packet, 5c; 1 oz., 25c.**

Alyssum, Little Gem—A Sweet Alyssum with pure white blossoms and very dwarf and dense growth. It is, perhaps, the finest sort for geometrical flower beds and borders. **Pkt., 5c; 1 oz., 30c.**

Antirrhinum—Snap Dragon; curious flowers; mixed. **Pkt., 5c.**

Bachelor's Button—It has been so perfected that fully 80 per cent. of the flowers are double and semi-double; are also increased in size and present many colors and distinct markings; mixed. **Pkt., 5c.**

Marguerite Carnation.

Balsam, Double Mixed—Magnificent for outdoor planting, producing in gorgeous profusion flowers of the most beautiful and varied colors; half hardy perennial. **Pkt., 5c.**

Calliopsis—Large, bright yellow flowers; very effective for cutting and decorations; mixed varieties. **Pkt., 5c.**

Candytuft, Empress, White—Flowers profusely all summer; good for edging. **Pkt., 5c.**

Candytuft, Finest Mixed—All varieties and colors in one packet. **Pkt., 5c.**

Carnation, Marguerite—Exceedingly fragrant double flowers, very beautiful. **Pkt., 10c.**

Canna, Mixed—Flowers of large size and brilliant colors. Our mixture contains all the tall varieties and all colors. **Packet, 5c.**

Corn Flower (Centaurea Cyanus)—The well-known everlasting flowers; mixed colors. **Pkt., 5c.**

Corn Flower, Emperor William—Fine sky blue. **Pkt., 5c.**

Cockscomb, Mixed—Choice mixed of all sorts and colors. **Packet, 5c.**

Cosmos, Dwarf, Early-Flowering—Of compact, bushy growth (about 4 feet), with flowers as large as the older sorts. This has proved to be a most popular variety. **Pkt., 5c.**

Cosmos, Giant—Flowers measure from 4½ to 5 inches across petals fringed, pinked, toothed and plain, and in color from pure white through shades of pink and red to rich dark red.

Giant Crimson	**pkt. 10c**	**Giant Pink**	**pkt. 10c**
Giant White	**pkt. 10c**	**Giant Mixed**	**pkt. 10c**

Eschscholtzia—California Poppy. Showy annual. **Pkt., 5c.**

Eschscholtzia, Golden West—Beautiful canary yellow, extra large. **Pkt., 5c.**

Forget-Me-Not—A modest little flower; to friendship ever dear; color blue. **Pkt., 5c.**

Four O'Clock—A handsome, free-flowering plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annuals; mixed varieties. **Pkt., 5c.**

Gomphrena—Bachelor Buttons. Pretty annual. **Pkt., 5c.**

Heliotrope—Fragrant blooms; easily grown. **Pkt., 10c.**

Early Flowering Cosmos.

Balsam, Double Mixed.

Paeony Flowered Aster.

Ice Plant—Pretty trailer for baskets. **Pkt., 5c.**

Job's Tears—(Coix Lachryma)—This is a curious ornamental grass, with broad leaves, similar to corn, of a light slate color. The seeds, when dry, are strung on heavy waxed shoemakers' thread, making fine necklaces, chains and bracelets, and is also good for children when teething. It is a hardy annual and grows three feet high. **Pkt., 10c.**

Larkspur, Double, Mixed—All colors, mixed. **Pkt., 5c.**

Lobelia—Neat, graceful trailing plant. **Pkt., 5c.**

Marigold, Tall Mixed—Flowers golden yellow. **Pkt., 5c.**

Marigold Eldorado—Double flowers of immense size. **Pkt., 5c.**

Mignonette, Machet—Bears massive spikes of very fragrant red flowers. **Pkt., 5c.**

Mignonette, Sweet—The well-known fragrant, annual. **Pkt., 5c.**

Nasturtiums.

Few flowers compare with Nasturtiums in richness and variety of colors, freedom of bloom, ease of culture and general usefulness. Sow the seed an inch deep and then thin seedlings to 10 or 12 inches apart.

The tall sorts are well adapted for covering unsightly railings and to trail over rough ground. The dwarf or Tom Thumb sorts are excellent for bedding or borders. Of easiest culture.

Dwarf or Tom Thumb Nasturtiums.

Separate colors. **Price, Pkt., 5c; 1 oz., 20c; 2 oz., 30c; ¼ lb., 50c.**

Aurora—Salmon blotched scarlet.

Beauty—Yellow and scarlet.

Cloth of Gold—Sulphur spotted maroon.

Crystal Palace Gem—Dark crimson, blue foliage.

Empress of India—Yellow foliage and flower.

Golden Queen—Golden with yellow foliage.

King of Tom Thumbs—Scarlet with dark foliage.

King Theodore—Garnet, dark-leaved.

Lady Bird—Orange, spotted red.

Pearl—Creamy White.

Prince Henry—Yellow, marble and scarlet.

Ruby—Ruby red.

Dwarf Mixed Nasturtiums—In this will be found varieties of both light and dark colored foliage. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., $1.00, parcel post paid.**

Exquisite Dwarf Mixed Nasturtiums—A magnificent strain, containing countless shades, colors, stripes, blotches and veinings. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c, parcel post paid.**

Tall or Climbing Nasturtiums.

Separate colors. **Price, Pkt., 5c; 1 oz., 20c; 2 oz., 30c; ¼ lb. 50c.**

Coccineum—Bright scarlet; very fine.

Dunnett's Orange—Clear orange; a beautiful shade.

Edward Otto—Brownish lilac; very pretty.

Golden Cloth—Scarlet flower, yellow foliage.

King Theodore—Rich, deep red, dark leaved.

Moonlight—Whitish; a distinct shade.

Regelianum—Rich crimson; one of the best.

Rose—Salmon, rose shade.

Nasturtiums, New Giant Flowered—These superb Nasturtiums attract instant attention by the great size, exquisite form and rich color of the flowers. Mixed colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 40c; 1 lb., $1.25, parcel post paid.**

Nasturtiums, Tall Mixed—A brilliant, effective mixture. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; 1 lb., $1.00, parcel post paid.**

Madam Gunter's Hybrid Nasturtiums—Flowers are striped or blotched, with shades of red on yellow and orange ground, forming a combination of exceeding brilliancy and beauty. About 4 feet high. Half hardy annual. **Pkt., 5c; 1 oz., 25c.**

Portulaca, Fine Single Mixed—A great variety mixed. **Pkt., 5c.**

Portulaca, Double Mixed—A large proportion will come very double. **Pkt., 10c.**

Pansy, Choice Mixed—Our own mixture. This contains a wide range of colors and markings. **Pkt., 5c.**

Pansy, Extra Large Flowering Mixed—Our mixture of the best English varieties of Pansies. **Pkt., 10c.**

Pansy, Schwill's Superb Mixed—This includes not only seeds of Giant Pansies, but also those of several new large-flowered sorts, with highly-colored blooms. **Pkt., 15c.**

Pansy, Giant Trimardeau—A beautiful class; compact growers, with enormous flowers; finest mixed. **Pkt., 10c.**

Pansy, Snow Queen, White—Large flowering, pure white variety. **Pkt., 10c.**

Phlox Drumondii, Mixed—A splendid mixture of all colors. **Pkt., 5c.**

Phlox, Mammoth Large Flowering, Mixed—The large flowering kinds are a decided improvement on the Drummondii, producing large flowers twice the size of the latter; mixed. **Pkt., 10c.**

Phlox, Fireball—Scarlet, superb when in full bloom. **Pkt., 10c.**

Phlox, Snowball — Purest white flowers. **Pkt., 10c.**

Petunia, Single — A splendid mixture of varieties. **Pkt., 5c.**

Petunia, Large Flowering—Mixed. **Pkt., 10c.**

Petunia, White—**Pkt., 10c.**

Pink, China Double—Deeply fringed petals; mixed colors. **Pkt., 5c.**

Pink, Double Diadem—Superb large double flowers, magnificent in color and variety. **Pkt., 5c.**

Pink, Double Imperial — Brilliant colors; mixed. **Pkt., 5c.**

Pink, Double White—Showy; pure white. **Pkt., 10c.**

Pink, Heddewigii—Double Japan Pink; mixed colors. **Pkt., 5c.**

Pink, Single Grass Pink—Fragrant; single mixed. **Pkt., 5c.**

Pink, Crimson Bell—Double; brightest scarlet. **Pkt., 10c.**

Giant Flowered Tall Nasturtium.

Extra Large Flowering Pansy.

Double Diadem Pink.

Mammoth Large Flowering Phlox.

Exquisite Dwarf Nasturtium.

Poppy, Carnation—Double; mixed; superb; from many varieties; 2 feet. **Pkt., 5c.**

Poppy, Schwill's Superb—Grand, large double flowers, in every color; magnificent in form. **Pkt., 5c.**

Poppy, Shirley—The handsome flowers are single, beautiful in color, from pure white to deep crimson. **Pkt., 5c.**

Poppy, Peony Flowered—Enormous size; perfectly double; always admired; mixed. **Pkt., 5c.**

Burbank's Santa Rosa Shirley—A decided improvement over the regular Shirley Poppies. **Pkt., 10c.**

Double Mixed—All colors, in fine mixture. **Pkt., 5c.**

Poppy, Fine Single Mixed—A fine collection of all single varieties. **Pkt., 5c.**

Ricinus—(Castor Oil Plant)—Rapid growing plants with palm-like foliage and showy fruits. Used with decorative effect, planted singly on the lawn or in the center of a Canna or Caladium bed; 6 to 15 feet. Mixed; all the plain and fancy sorts. **Pkt., 5c.**

Ricinus, Zanzibariensis—Fine ornamental plant. **Pkt., 5c.**

Salvia—Scarlet Sage; gorgeous plants with numerous spikes of intensely vivid scarlet flowers 10 to 12 inches in length. **Pkt., 10c.**

Salvia, Bonfire—Plants form handsome bushes about 2 feet high by 2 feet across. Flowers of a most brilliant, dazzling scarlet; one of the finest. **Pkt., 15c.**

Sensitive Plant—One of the most remarkable and interesting plants in cultivation; the leaves, when touched, instantly fold up. **Pkt., 5c.**

Stocks—Dwarf German 10 weeks. **Pkt., 5c.**

Sunflower, Double Tall—Huge leaves and flowers. **Pkt., 5c.**

Sunflower, Double Dwarf—Compact, double golden yellow flower. **Pkt., 5c.**

Sunflower, Globe of Gold—Excellent to grow in masses; pretty dahlia-like flowers. **Pkt., 5c.**

Thunbergia—An excellent trailing or bedding plant; very popular. **Pkt., 5c.**

Verbena, Choice Mixed—Fine colors, mixed for bedding. **Pkt., 5c.**

Verbena, Extra Large Flowered—Magnificent, extra large; varieties mixed. **Pkt., 10c.**

Verbena, Scarlet Defiance—**Pkt., 10c.**

Verbena, Mammoth Purple—**Pkt., 10c.**

Verbena, Mammoth Pink—**Pkt., 10c.**

Verbena, Mammoth White—**Pkt., 10c.**

Vinca, Perrywinkle—Pure white. **Pkt., 10c.**

Vinca, Mixed—**Pkt., 5c.**

Violet—Favorite little plants, producing delightfully fragrant flowers; popular with every one. **Pkt., 10c.**

Wallflower—Very conspicuous in beds or borders, and are very useful in making bouquets. They are deliciously fragrant. **Double mixed, Pkt., 10c. Single mixed, Pkt., 5c.**

Wild Flower Garden Annuals, Mixed, Pkt., 5c.

Zinnias.

For gorgeous summer and fall display, the Zinnia is unsurpassed. The flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Choice Mixed .....**pkt. 5c**
Mammoth Flowered Mixed .....**pkt. 10c**
Double Scarlet .....**pkt. 10c**
Double Yellow .....**pkt. 10c**
Double Crimson ...**pkt. 10c**
Double Orange ....**pkt. 10c**
Double White .....**pkt. 10c**
Double Pink .....**pkt. 10c**

Double Hollyhock.

Extra Large Flowered Verbena.

Mammoth Flowered Zinnia.

Perennial Flower Seed

Hardy Perennials are easily grown from seed. In many cases they are a little slower than annuals, but with intelligent care they are successfully raised, and from seed is an excellent way to get up a big stock of Perennials in a short time. Many Perennials, if sown in spring, bloom the first year from seed as freely as annuals. Others wait a year; that is, if sown this year they don't bloom until next year.

The seeds may be sown in spring or in summer. In spring the sowings may be made in the window, the hot bed, the cold frame, the greenhouse or in the open ground out of doors.

Coreopsis—Fine for cutting; graceful flowers. **Pkt., 5c.**

Canterbury Bells—Campanula. Bell-shaped flowers; mixed. **Pkt., 5c.**

Columbine—Flowers showy and luxuriant. **Pkt., 5c.**

Dahlias—Dahlias are easily grown from seed and bloom the first season as well as if grown from roots. Start seed early. **Dahlia double mixed colors, Pkt., 10c. Dahlia single mixed colors, Pkt., 5c.**

Daisy, Double—An old favorite; hary perennial, mixed, **Pkt., 10c.**

Daisy, Shasta—Originated with Mr. Luther Burbank, of California; flowers snowy white, with yellow center; freely produced on strong, wiry stems, about 2 feet in length. Sow early in shallow, well-enriched boxes of sandy soil in the house, keeping quite moist. Transplant to a rich, sunny location in open air as soon as ground can be worked. **Pkt., 10c.**

Foxglove (Digitalis)—One of the most striking flowers; tall, stately and handsome; of easy culture. **Pkt., 5c.**

Gaillardia—Blanket flower; fine for bouquets; mixed. **Pkt., 5c.**

Hollyhock, Double Mixed—Fine, showy, double blooms. **Pkt., 5c.**

Hollyhock, Double White—Purest white: double flowers. **Pkt., 10c.**

Hollyhock, Double Red—Finest scarlet and red. **Pkt., 10c.**

Larkspur Delphinum—New grant flowering hybrids, a mixture of all colors. **Pkt., 10c.**

Phlox, Hardy Perennial—Large and showy; mixed colors; 3 feet. **Pkt., 10c.**

Poppy, Perennial—Hardy, coming up year after year; very effective among shrubbery; mixed hybrids. **Pkt., 10c.**

Pinks, Double Clove or Grass—Seed sown in March will bloom the first year, and will come next season again. The flowers are delicately fringed, variously colored and delightfully fragrant. **Pkt., 15c.**

Rudbeckia (Cone Flower)—Grows about 2 feet high, forming a many-branched dense bush, and producing its long-stemmed flowers in greatest abundance. Disk brown; florets yellow with brown spots at the base; 3 feet. **Pkt., 10c.**

Sweet William, Single—Handsome colored flowers; mixed. **Pkt., 5c.**

Sweet William, Double—Finest double flowers. **Pkt., 10c.**

Wild Flower Garden Perennials, Mixed, Pkt., 10c.

Perennial Mixed Sweet Peas—Perfectly hardy and very handsome free-blooming climbers, with clusters of elegant sweet pea-like blooms. They come up year after year. **Pkt., 10c; oz., 25c.**

Perennial Larkspur.

Shirley Poppy.

Salvia or Scarlet Sage.

Sweet Peas.

Cultural Directions—Sow in the spring as soon as the ground can be prepared in a deep, rich soil and for succession until the middle of April. Open a drill 4 to 5 inches deep, and cover the seed from 2 to 3 inches. As the vines grow up, draw the soil up against them for support. A row of brush or wire netting should be placed between them for the vines to trail on. Pick flowers closely and do not allow to go to seed.

Nitrate of Soda is the best fertilizer for sweet peas. It is a fine stimulant and plant food. Apply lightly alongside of plants, not too close.

Spencer's Type or Orchid Flowered.

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers, a new and distinct form.

Named Varieties—Pkt., 10c; oz., 25c; 2 oz., 40c; ¼ lb., 75c; 1 lb., $3.00, parcel post paid.

Asta Ohn Spencer—Soft lavender, suffused mauve.
Burpee's White Spencer—Pure white, very large flowers.
Countess Spencer—Large wavy petals, soft rose pink.
Captivation Spencer—Rich, rosy wine-color, very fine.
Geo. Herbert Spencer—Bright, rosy carmine, beautiful.
King Edward Spencer—Deep carmine scarlet, sunproof.
Othello Spencer—Immense flower, glossy purple, elegant.
Primrose Spencer—Clear primrose, large flower.

Named Standard Grandiflora Sweet Peas.

Prices for any of the following named sorts, except where otherwise quoted: **Pkt., 5c; oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Cocinnea—Cerise red, self-colored, effective.
Countess of Radnor—Delicate lavender standard, mauve wings
Dorothy Eckford—Purest white, very large bold flower.
Duke of Westminster—Very dark purple flowers, large and showy.
Emily Henderson—Splendid white; one of the best.
Flora Norton—Pure bright blue, distinct.
Janet Scott—Very deep shade of pink, a fine color.
King Edward VII—A bold large red flower, bright color.
Katherine Tracy—Soft brilliant pink, beautiful shade.
Lady Grisel Hamilton—Light lavender blue, beautiful.
Lovely—Delicate pink, large flower.
Miss Wilmott—Orange pink, a beautiful shade.
Mrs. Collier—Rich primrose, a bold, large flower.
Navy Blue—Deep violet blue, very fine.
Othello—Glossy purple, self-colored, elegant.
Prima Donna—A beautiful shade of pink.
Prince of Wales—Bright deep rose, very large.
Stella Morse—Rich primrose, flushed pink.

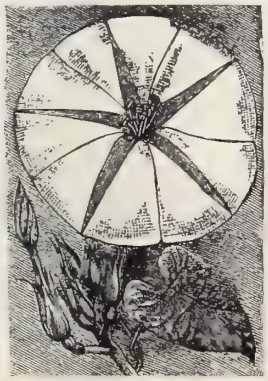
Mixed Sweet Peas.

Schwill's Superb Large Flowering—This mixture is composed of varieties all of the largest flowering, in even quantities of color. **Pkt., 5c; 1 oz., 10c; 2 oz., 15c; ¼ lb., 25c; ½ lb., 50c; 1 lb., $1.00, parcel post paid.**

Schwill's Gilt Edge Mixed—In this mixture we have used only the choicest and best of the Waved **Spencer and Grandiflora Sweet Peas**, and have taken every care to produce in the mixture a proper balance of colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $1.50, parcel post paid.**

Spencer Mixed Sweet Peas.

These are larger and more graceful in every way than the ordinary varieties, absolutely unequaled, a matchless combination of giant flowers, a new and distinct form. Finest mixed colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 50c; 1 lb., $2.00.**



Moonflower, White.

Japanese Imperial Morning Glory.

Spencer's or Orchid Flowered Sweet Peas.

Climbers or Vines.

Balloon Vine—Quick growing climber; 15 feet. **Pkt., 5c.**

Balsam Apple Vine—Balsamina; curious fruits; fine climber. **Pkt., 5c.**

Canary Bird Vine—A beautiful, rapid climber. **Pkt., 5c.**

Cobea Scandens—Cup and Saucers Vine; a climber of rapid growth; valuable for covering trellises, arbors, trunks of trees, etc.; large, bell-shaped purple flowers. **Pkt., 5c.**

Cypress Vine—This has the most graceful and beautiful dark green feathery foliage of all the garden vines. For a neat trellis or ornamenting the trunks of young trees it is hardly excelled. Mixed colors. **Pkt., 5c.**

Gourds—Small ornamental sorts. Mixed. **Pkt., 5c.**

Humulus Japonicus (Japanese Hop)—Ornamental and rapid climber. The foliage is lovely green; splendid for covering verandas, trellises, etc. **Pkt., 5c.**

Hyacinth, or Jack Bean—A rapid-growing annual climber; mixed; all colors. **Pkt., 5c.**

Hyacinth Bean, Daylight—A pure white flower with some fragrance. A rapid dense climber. **Pkt., 10c.**

Kudzu Vine (Jack-and-the-Beanstalk)—For rapidity of growth this hardy vine has no equal. It will grow 8 to 10 feet from seed the first year. The leaves are large and abundant. It bears racemes of pea-shaped rosy purple flowers. **Pkt., 10c.**

Morning Glories—Undoubtedly one of the most profuse flowering vines in cultivation; choice mixed varieties. **Pkt., 5c; oz., 10c; ¼ lb., 25c.**

Japanese Imperial Morning Glories—A revelation in the size and beauty of their flowers. Sow early in good rich soil in a sunny spot in the garden, and water during dry hot weather; mixed colors. **Pkt., 5c; 1 oz., 15c; 2 oz., 25c; ¼ lb., 35c.**

Moonflower.

White—Its large white flowers expand in the evening and remain open until the following day. **Pkt., 10c.**

Heavenly Blue—This variety blooms in the forenoon. The flowers are azure blue with a yellow throat. **Pkt., 10c.**

Scarlet Runner Beans—A great favorite as an ornamental climber; bright scarlet sprays of pea-shaped blossoms. **Pkt., 5c.**

Wild Cucumber—This is the most rapid growing vine we know of. It will reach a height of 30 feet in one season. It is thickly dotted over with pretty, white flowers, followed by quantities of ornamental and prickly seed pods. **Pkt., 5c.**

Bulbs for Summer Flowering

The summer flowering bulbs for fall planting contained in the following list are inexpensive, very easily grown and produce some of the most showy and beautiful of all summer and autumn flowers. There are but few flowers that can compare with the noble and brilliant spikes of the Gladiolus, the grace and elegance of the Lily, the purity and sweetness of the Tuberose, the majestic foliage of the Caladium.

All Bulbs will be sent separately from Flowering or Greenhouse Plants. We cannot pack them together.

Childsii Gladiolus.

Tuberoses.

Tuberose, Double Pearl—**Doz., 35c; parcel post paid. By express, doz., 25c; 100, $1.50.**

Tuberose, Single Albino—**Doz., 40c; parcel post paid. By express, doz., 30c; 100, $2.00.**

Cannas.

A fine foliage plant; a rapid grower, producing large trusses of beautiful flowers from early summer to late in the autumn. **Price, bulbs, each, 15c; 12 for $1.00, parcel post paid. By express, at buyer's expense, each, 10c; 12 for 75c.**

Chas. Henderson—Beautiful vermilion; 4 feet.
Express—Brightest scarlet color; 2½ feet.
Betsy Ross—Soft pink; 3½ feet.
Florence Vaughan—Golden yellow, spotted red; 5 feet.
King Humbert—Orange scarlet, bronze leaf; 4 feet.
Butter Cup—Fine bright yellow; 3½ feet.

Dahlias.

The Dahlia is one of the showiest of all autumn flowers. Commencing to flower in July, they are a perfect blaze of bloom until stopped by frost.

Double Pink	**Double Purple**	**Double Scarlet**
Double Yellow	**Double White**	**Double Striped.**

Price, any shade, each, 25c; doz., $1.75, parcel post paid. By express, each, 15c; 2 for 25c; 12 for $1.25.

Named Dahlias.

All extra quality, finest varieties, large bulbs. **Price, each, 25c; 12 for $2.50, parcel post paid. By express, at buyer's expense, each 20c; 6 for $1.00; 12 for $1.75.**

Delice—Soft rosy pink, very fine.
Augusta Victoria—Pure, large white flowers.
Admiral Dewey—Brilliant imperial purple.
Grand Duke Alexis—White, tinged with pink.
Mrs. Chas. Turner—Clear golden yellow.
Wm. Agnew—Intense crimson scarlet.

Peonies.

They have become indispensable in every garden. They are all hardy and admirably suited to our Southern climate, growing in almost all situations, and even flourishing under shade trees.

Red, Pink, White—Each, 25c, parcel post paid. By express, each, 20c; doz., $2.00.

Named Peonies.

Festima Maxima—Pure white center, petals slightly tinged red.
Edulis Superba—Rose pink, center mauve rose shade.
Francois Ortegat—Brilliant crimson, full and double.
Price, either above three varieties, each, 50c, parcel post paid. By express, each, 35c; 3 for $1.00.

Gladiolus.

America Gladiolus—Conceded to be one of the finest varieties for cutting or bedding ever sent out; color a beautiful soft flesh-pink; orchid-like in its coloring and texture; growth and habit perfect. **By express, each, 10c; per doz., 75c; per 100, $5.00. By parcel post, per doz., 90c.**

Augusta Gladiolus—A lovely and useful variety, pure white with blue anthers. **By express, each, 5c; per doz., 50c; per 100, $4.00. By parcel post, per doz., 60c.**

Princeps—Large Amaryllis-like flowers, of a beautiful red color, having broad, white blotches across the lower petals. Very striking and effective. **By express, each, 10c; doz., $1.00. By parcel post, doz., $1.20.**

Gladiolus in Colors—Red and Scarlet Shades; Pink Shades; Yellow Shades; Striped Shades; White and Light Shades. **Price, by parcel post, doz., 50c; 100, $3.35. By express, at buyer's expense, doz., 40c; 100, $3.00.**

Mixed Gladiolus.

Hybrid, Fine Mixed—By parcel post, doz., 35c; per 100, $2.00. By express, not prepaid, doz., 25c; per 100, $1.50.

Childsii Mixed—By parcel post, doz., 50c; per 100, $2.50. By express, not prepaid, doz., 40c; per 100, $2.00.

Caladium Bulbs.

Caladium Esculentum—Elephant's Ears. Effective as a single plant on a lawn or in groups; also useful for decorative effect near streams or pond.

Small Bulbs—Price, by parcel post, each, 15c; doz., $1.25. By express, not prepaid, each, 10c; doz., $1.00.

Large Bulbs—Price, by parcel post, each, 25c; per doz., $2.50. By express, not prepaid, each, 20c; per doz., $2.00.

Madeira Vine.

A beautiful, rapid growing climber, bearing fragrant white flowers, very pretty and useful. **Each, 10c; doz., 60c, parcel post paid.**

Cinnamon Vine.

Hardy climber, with dark green foliage, and late in the season, bearing a profusion of small white flowers of a delicious cinnamon fragrance. **Each, 10c; doz., $1.00, parcel post paid.**

Candidum (St. Joseph's or Annunciation Lily)—Each, 15c; doz., $1.50, parcel post paid.

Tigrinum—Tiger Lily. Orange, spotted black; 2 to 5 feet; summer. **Each, 10c; doz., $1.00, parcel post paid.**

Double Pearl Tuberose.

Double Peonies.

Florence Vaughan Canna.

Grass, Clover and Farm Seeds

Sowing the Seed—All grasses and clovers used in the South can be sown in the spring; also in the fall. Have your land well prepared, pulverized and in the best of order. It is important that grass seeds be covered carefully with a light harrow not more than half an inch. Clovers and large seeds about an inch. The ground should be well rolled; the seed will then germinate better.

Prices named in this Department are subject to important market changes. Quotations are net and are not subject to premium or discount which is offered on other seeds. **Clover and Grass Seeds are constantly varying in value,** and we issue a price list daily during the busy season. Please write for quotations, sending list of requirements, when in need. Orders sent us will be given benefit of lowest prices on day order is received. Will take pleasure in mailing samples and quoting inside prices at any time on large orders. Prices named on Clover, Grass and Farm Seeds are f. o. b. Memphis, excepting where quoted by parcel post. Where seamless cotton bags are used they will be charged for extra, 25c each.

Clovers.

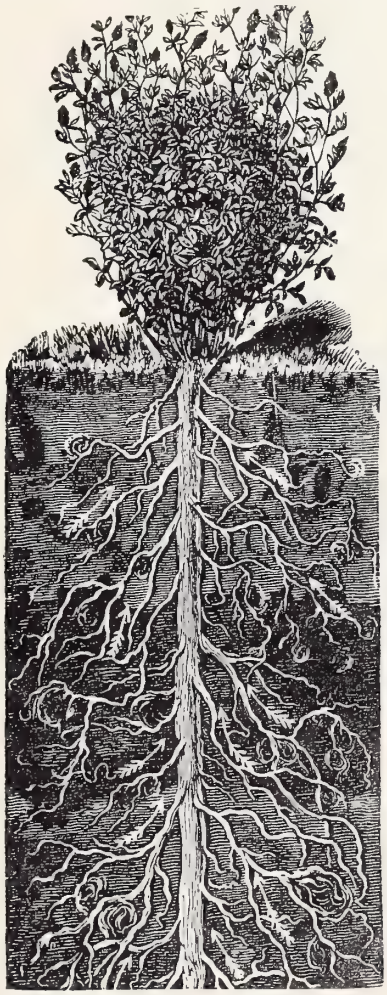
Alfalfa, or Lucerne Clover—The Clover of the West, and being more largely planted in the South every year. When thoroughly established can be cut three or four times a year, yielding heavily each cutting. Soil must be thoroughly prepared by deep plowing and harrowing until it is in fine condition. Sow 20 to 25 lbs. per acre, and inoculate seed with Farmogerm. Spring seedings may be made during March and April, and in the fall during September and October, on any good soil, if properly drained. **Price: 1 lb., 25c; 20 lbs., $4.00; bushel, 60 lbs., $11.75; sacks 25c extra. By Parcel Post: 1 lb., 35c; 20 lbs., $4.50.**

Japan Clover (Lespediza Striata)—To obtain a stand, disc harrow your land, then scatter seed on top, roll the field; this will cover them enough. Sow in March or April. Seed weighs 25 lbs. per bushel. Sow 20 to 25 lbs. per acre. Grows anywhere; is tenacious in any soil; lasts always; well known in the South. Sow in spring in permanent pastures by scarifying surface with a disc harrow. It may be classed among the most valuable hay and pasture plants of the Southern States. **Price: 1 lb., 25c; 20 lbs., $3.50; bushel, 25 lbs., $3.75; 5 bushels, $18.00. By Parcel Post: 1 lb., 35c; 20 lbs., $4.00.**

Red Clover—Enriches the soil and adds materially to the value of succeeding crops. Sow 10 to 15 lbs. to the acre any time during spring or fall. Makes fine hay. Suitable for most all kinds of land. Can be used in combination with most grasses, for either pasture or hay crop. **Price: 1 lb., 30c; 10 lbs., $2.50; bushel, 60 lbs., $12.50; sacks 25c extra. By Parcel Post: 1 lb., 40c; 10 lbs., $2.80; 20 lbs., $5.00.**

Melilotus, or Sweet Clover—A hardy perennial Clover, growing wild in many sections, particularly the prairie States. Flowers furnish abundant forage for bees. Builds up the soil. Sow 12½ lbs. to the acre in March and April. The white blossom is the best variety. **Price: 1 lb., 35c; 12½ lbs., $3.00; bushel, 25 lbs., $5.00. By Parcel Post: 1 lb., 45c; 12½ lbs., $3.35.**

Alsyke Clover—The best variety for low, wet land. Makes good hay and pasture. It is of special value for sowing with timothy. On good bottom land use 8 lbs. to the acre. Sow in March and April. **Price: 1 lb., 40c; 8 lbs., $2.00; bushel, 60 lbs., $12.50. By Parcel Post: 1 lb., 50c; 8 lbs., $2.30; 20 lbs., $5.50.**



Alfalfa or Lucerne Clover.

White Clover—Excellent for pasture or lawns. Succeeds on all soils. Sow any time in early spring or fall months. 5 to 6 lbs. per acre. **Price: 1 lb., 45c; 10 lbs., $3.50; bushel, 60 lbs., $18.50. By Parcel Post: 1 lb., 50; 10 lbs., $3.80.**

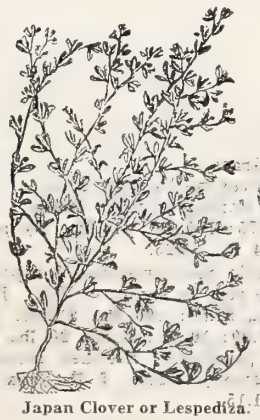
Mammoth, or Sapling Clover—Succeeds better on thin land than the medium Red Clover. Grows taller. Makes fine hay and pasturage. Sow in March and April, 10 lbs. to the acre. **Price: 1 lb., 35c; 10 lbs., $2.75; bushel, 60 lbs., $13.00. By Parcel Post: 1 lb., 45c; 10 lbs., $3.10.**

Georgia Burr Clover—An annual variety which is sown in August and September. Makes superior pasturage, fair hay, and grows on any thin land, and if turned under the following spring, acts as a splendid fertilizer. Sow 20 lbs. of burrs to the acre. Price seed in burr given on application. **Price of hulled seed: 1 lb., 25c; 10 lbs., enough to sow an acre, $2.00; per 100 lbs., $18.00. By Parcel Post: 1 lb., 35c; 10 lbs., $2.35.**

Crimson, or Scarlet Clover—Sow in July, August or September at rate of 15 lbs. to the acre. Makes fine cover crop, pasturage and hay the following spring. Grows on thin soil. Inoculate seed with Farmogerm for sure catch. **Price: 1 lb., 20c: 15 lbs., $2.25; 1 bushel, 60 lbs., $8.00. By Parcel Post: 1 lb., 30c; 15 lbs., $2.75.**

White Blooming Crimson Clover—Later than the ordinary Crimson Clover. Grows a little taller. Has white blossom instead of crimson. Otherwise similar to the ordinary variety. Sow same as the Crimson Clover. **Price: 1 lb., 25c; 15 lbs., $2.50; bushel, 60 lbs., $8.50. By Parcel Post: 1 lb., 35c; 15 lbs., $3.00.**

Red Clover.



Japan Clover or Lespediza.

Alsyke or Swedish Clover.

Grass Seeds.

Kentucky Blue Grass—Grows well on any good land, in shaded locality, woods lot or where even partially shaded under trees, etc. Sow in early spring or fall, using 2 to 3 bushels of seed to the acre broadcast. Well adapted for lawns. Pound will sow 20x25 feet. **Price: 1 lb., 25c; 5 lbs., $1.00; bushel, 14 lbs., weighed, $2.50. By Parcel post, 1 lb., 35c; 5 lbs., $1.20; bushel, 14 lbs., $2.90.**

Red Top, or Herds Grass—Does best on moist or wet soil, but grows well on nearly all upland soils. Where conditions are favorable, and on moist land, it will grow 4 feet high and produce sometimes 1½ tons to the acre. Sow spring or fall, and it is best to use "Fancy Cleaned" Seed, which require 8 to 10 lbs. to the acre, broadcast. **Price: 1 lb., 40c; 10 lbs., $3.50; 100 lbs., $30.00. By Parcel Post, 1 lb., 50c; 10 lbs., $3.80; 20 lbs., $7.50.**

Orchard Grass—One of the best of the cultivated grasses. Fine for pasturage and hay. Succeeds well on any good soil, even uplands. Sow broadcast in early spring or fall months, using 1½ bushels per acre. **Price: 1 lb., 25c; 1 bushel, 14 lbs., $2.50; 5 bushels, $11.35. By Parcel Post, 1 lb., 35c; 5 lbs., $1.20; 14 lbs., $2.90.**

Bermuda Grass—Valuable as a pasture or hay crop. Fine for lawns. No grass stands dry weather as well. Five to six lbs. will sow an acre. Should be planted in the spring, but can also be sown later. Under the most favorable circumstances it takes from 20 to 30 days to sprout; requires damp weather and hot sun, but when once up grows very rapidly. **Price: 1 lb., 65c; 5 lbs., $3.00; 20 lbs., $11.00. By Parcel Post, 1 lb., 75c; 5 lbs., $3.20; 20 lbs., $11.50.**

Sudan Grass—A new forage crop of immense value. After careful tests the Department of Agriculture reports Sudan Grass should be largely sown, especially in the Central States that are deficient in rain fall. Sudan Grass is an annual, therefore, it is necessary to sow every year. Plant grows tall, seven to eight feet, stems very small and tender, stools wonderfully, makes fine hay and much relished by stock. Yields from two to four tons per acre. Sow in April in drills or broadcast, using three pounds of seed to the acre having drills three feet apart, and cultivate. If sown broadcast, 14 to 20 pounds of seed will plant an acre. Sudan Grass can be cut two or three times during the season. **Price, 1 lb., 90c; 10 lb., $7.50. By parcel post, 1 lb., $1.00; 10 lb., $7.75.**

Timothy—Suitable for any rich bottom or uplands; makes fine hay. Sow in March or April, also September and October, using 15 lbs. or ⅓ bushel to the acre. **Price, 1 lb., 15c; 15 lb., $1.50; 1 bu., $3.75. By parcel post, 1 lb., 20c; 15 lb., $1.90.**

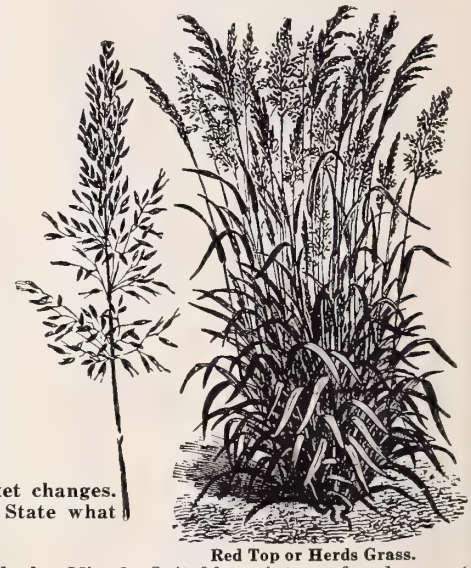
Barwell's English Lawn Grass—Stands sun or shade, produces an elegant green lawn the first season. Sow in February, March and September; 1 lb., will plant 20x20 or 400 square feet. **Price, 1 lb., 40c; 5 lb., $1.75; 20 lb., $6.00. By parcel post, 1 lb., 50c; 5 lb., $1.90; 20 lb., $6.50.**

Emerald Lawn Grass—Produces a thick velvety lawn. Sow in February and March, also in the fall, 2 to 3 bushels per acre; 1 lb. will sow 20x20 feet. **Price, 1 lb., 35c; 5 lb., $1.50; 20 lb., $5.00. By parcel post, 1 lb., 45c; 5 lb., $1.70; 20 lb., $5.50.**

Orchard Grass.

Kentucky Blue Grass.

All quotations on Grass Seed are subject to market changes. Special quotations will be given at any time. State what quantity you wish.



Red Top or Herds Grass.

Canada Blue Grass—A little coarser, but more hardy than the Kentucky Blue. Sow 30 lbs. to the acre any time in spring or fall. **Price, 1 lb., 25c; 14 lb., 1 bu., $2.25; 5 bu., $10.00. By parcel post, 1 lb., 35c; 5 lb., $1.20; 14 lb., $2.65.**

English Perennial Rye Grass—It succeeds in almost any soil. Sown broadcast in the fall, produces fine winter pasture or beautiful green lawn; 30 to 40 lbs. will sow an acre; 1 lb., will sow 20x20 or 400 square feet. **Price, 1 lb., 20c; 5 lb., 75c; 50 lb., $6.00; 100 lb., $10.00. By parcel post, 1 lb., 30c; 5 lb., $1.00; 20 lb., $3.00.**

Tall Meadow Oat Grass—A most valuable grass. Does well on any soil, but of special value on clay land. Grows 3 to 4 feet high; very desirable for meadow. Sow 30 lbs. per acre, any time in the early spring or fall. **Price, 1 lb., 30c; 10 lb., $2.00; 100 lb., $18.00. By parcel post, 1 lb., 40c; 10 lb., $2.35; 20 lb., $4.50.**

Meadow Fescue (Randall Grass)—An excellent pasture grass; early, nutritious and thrives well on all good soils. Sow 28 lbs. to the acre in early spring or fall. **Price, 1 lb., 30c; 5 lb., $1.25; bu., 14 lb., $2.75; 100 lb., $14.00. By parcel post, 1 lb., 40c; 5 lb., $1.45; 14 lb., $3.25.**

Italian Rye Grass—Especially recommended for pasture mixtures. Sow 40 lbs. to the acre in spring or fall. **Price, 1 lb., 20c; 10 lb., $1.50; 20 lb., $2.50; 100 lb., $12.00. By parcel post, 1 lb., 30c; 5 lb., $1.00; 10 lb., $1.85; 20 lb., $3.00.**

Kalaka—The wizard lawn producer. Blended grass seed and manure. Grows green grassy grass. **5 lb., box $1.00. By parcel post, 5 lb., box, $1.15.**

Timothy and Alsyke Mixed—Suitable mixture for low wet lands, furnishing good pasture and hay. Sow in early spring and fall, using 15 lbs. of the mixed seed per acre. **Price, 1 lb., 30c; 15 lb., $3.25; 100 lb., $18.00. By parcel post, 1 lb., 40c; 15 lb., $3.65; 20 lb., $4.50.**

Chicken Pasture Mixture—A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September at the rate of 30 lbs. to the acre. **Price, 1 lb., 15c; 10 lb., $1.25; 30 lb., $3.00. By parcel post, 1 lb., 25c; 10 lb., $1.60; 20 lb., $2.50.**

Permanent Meadow Grass Mixture—A special mixture for a lasting hay crop. A combination of all the best cultivated grasses that will furnish hay all during the spring and summer months. Sow in spring or fall, using 1½ bushels to the acre. **Price, 1 lb., 25c; 14 lb., 1 bu., $3.00; 5 bu., $14.00. By parcel post, 1 lb., 35c; 14 lb., $3.40.**

Permanent Pasture Grass Mixture—Furnishes pasture all the season from early spring through the winter. Suitable for most all soils. Sow in early spring or fall, using 1½ bushels to the acre. **Price, 1 lb., 25c; 14 lb., 1 bu., $3.00; 5 bu., $14.00. By parcel post, 1 lb., 35c; 14 lb., $3.40.**

Permanent Hog Pasture Mixture—A combination of mixed clover and best grass suitable for hog pasturage, and if taken care of will last a number of years. Composed largely of red clover and orchard grass. Sow in early spring or fall, at rate of 1 bushel to the acre. **Price, 1 lb., 25c; 5 lb., $1.25; 14 lb., 1 bu., $3.25; 5 bu., $15.00. By parcel post, 1 lb., 35c; 5 lb., $1.40; 14 lb., $3.65.**

Millet.

It can be sown any time from the middle of April up to the middle or end of July, and makes a valuable catch crop. Use 1 to 2 bushels, broadcast, to the acre. Seamless grain bags, 25c each extra.

Tennessee German Millet—The best variety; grows tall and makes big yield. **Price, 1 lb., 10c; pk., 75c; bu. of 50 lb., $2.00. By parcel post, 1 lb., 20c; pk., 12½ lb., $1.10.**

Western German Millet—**1 lb., 10c; pk., 60c; bu., of 50 lb., $1.75. By parcel post, 1 lb., 20c; pk., 12½ lb., 95c.**

Hungarian Millet—1 lb., 10c; pk., 50c; bu., 48 lb., $1.85. By parcel post, 1 lb., 20c; pk., 12 lb., 85c.

Pearl or Cat-Tail Millet—Sow in April, 5 lbs. to the acre, in drills. Can be cut three times; fine for dairy cows. **Price, 1 lb., 25c; 5 lb., 75c; 10 lb., $1.25; 100 lb., $10.00. By parcel post, 1 lb., 35c; 5 lb., 90c; 10 lb., $1.60.**

Oats.

Sow two bushels of any following varieties to the acre. Plant February or March. Apply nitrate of soda, 100 lbs. to the acre, early in April. It will increase your crop.

Early Burt or May Oats—Very early; good for thin land; the best spring oat. **Price, bu., 90c; 10 bu., $8.50. By parcel post, in limit of 2nd zone, 1 bu., $1.40.**

Texas Red Rust Proof Oats—Does well on any good land; very productive. **Price, bu., 85c; 10 bu., $7.50. By parcel post, in limit of 1st and 2nd zones, 1 bu., $1.35.**

Genuine Appler Oats—Very hardy, rust proof, very heavy grain. **Price, 1 bu., $1.00; 10 bu., $9.00. By parcel post, in limit of 1st and 2nd zones, 1 bu., $1.50.**

Sorghum or Sugar Cane, Etc.

Sow broadcast for hay or roughness 1 bushel or 50 lbs. per acre; for sorghum or grain, ½ peck per acre, any time from April to August.

Japanese Honey Sorghum—Big yielder; fine quality; superior to ordinary kind. **Price, 1 lb., 25c; ½ pk., 75c; pk., $1.25; bu., $4.50. By parcel post, 1 lb., 35c; ½ pk., $1.00; pk., $1.60.**

Texas Seeded Ribbon Cane—Very superior, productive and quality almost equal to the Louisiana cane. **Price, 1 lb., 25c; ½ pk., 75c; pk., $1.25; bu., $4.50. By parcel post, 1 lb., 35c; ½ pk., $1.00; pk., $1.60.**

Early Amber Sorghum—Price, 1 lb., 10c; ½ pk., 40c; pk., 50c; bu., $1.50. By parcel post, 1 lb., 20c; ½ pk., 60c; pk., 85c.

Early Orange Sorghum—Price, 1 lb., 10c; ½ pk., 40c; pk., 60c; bu., $1.75. By parcel post, 1 lb., 20c; ½ pk., 60c; pk., 95c.

Red Top or Sumac Sorghum—Price, 1 lb., 10c; ½ pk., 50c; pk., 75c; bu., $2.00. By parcel post, 1 lb., 20c; ½ pk., 70c; pk., $1.10.

Tennessee German Millet.

Pearl or Cat-tail Millet.

Lightning Horn Seed Sower.

Made to sow broadcast any fine or light seed. One of the best for sowing Lespediza seed. Very light and durable. This is a plain, simple and useful seeder.

Price, $1.00. By parcel post, $1.10.

White Kaffir Corn.

Early Amber Sorghum.

Miscellaneous Forage Plants.

Sow all of these in April and May, 10 lbs. of seed to the acre, in drill, and one bushel to the acre broadcast, excepting where stated otherwise.

Yellow Milo Maize—Price, 1 lb., 15c; 10 lb., 75c; bu., 50 lb., $2.00. By parcel post, 1 lb., 25c; 10 lb., $1.05.

White Kaffir Corn—Price, 1 lb., 10c; 10 lb., 60c; bu., 50 lb., $1.50. By parcel post, 1 lb., 20c; 10 lb., $1.00.

Red Kaffir Corn—Price, 1 lb., 10c; 10 lb., 65c; bu., 50 lb., $2.00. By parcel post, 1 lb., 20c; 10 lb., $1.00.

Dwarf Straight Neck Milo Maize—Price, 1 lb., 20c; 10 lb., $1.00; bu., 50 lb., $3.00. By parcel post, 1 lb., 30c; 10 lb., $1.35.

Feterita—Price, 1 lb., 20c; 10 lb., $1.00; bu., 50 lb., $3.00. By parcel post, 1 lb., 30c; 10 lb., $1.35.

Shallu or Egyptian Wheat—Price, 1 lb., 20c; 10 lb., $1.00; bu., 50 lb., $3.50. By parcel post, 1 lb., 30c; 10 lb., $1.35.

Speltz or Emmer—Sow in March, 1 bushel to the acre, broadcast. **Price, 1 lb., 10c; pk., 60c; bu., 40 lb., $1.75. By parcel post, 1 lb., 20c; pk., 10 lb., $1.00.**

Japanese Buckwheat—Sow in April, May and June, 1 bushel broadcast, to the acre. **Price, 1 lb., 10c; pk., 60c; bu., 50 lb., $2.25. By parcel post, 1 lb., 20c; pk., $1.00.**

Silver Hull Buckwheat—Splendid for bees, also makes best grain. Sow in June, 1 bushel, broadcast, to the acre. **Price, 1 lb., 10c; pk., 60c; bu., 50 lb., $2.25. By parcel post, 1 lb., 20c; pk., $1.00.**

Beardless Barley—Sow for hay or grain in February and March, 1 bushel to the acre. **Price, 1 lb., 10c; pk., 60c; bu., 48 lb., $2.00. By parcel post, 1 lb., 20c; pk., $1.00.**

Early Wonder Spring Wheat—Sow for hay or grain in February and March, 1 bushel to the acre. **Price, 1 lb., 10c; pk., 75c; bu. 60 lb., $2.25. By parcel post, 1 lb., 20c; pk., $1.20.**

Upland Rice—Sow in March and April, 1 peck to the acre. **Price, 1 lb., 15c; pk., $1.25; bu., 44 lb., $4.00. By parcel post, 1 lb., 25c; pk., $1.60.**

Broom Corn, Missouri Evergreen—Sow in March and April, ½ peck in drills, will plant one acre. **Price, 1 lb., 10c; ½ pk., 50c; pk., 75c; bu., $2.25. By parcel post, 1 lb., 20c; ½ pk., 70c; pk., $1.10.**

Broom Corn, Oklahoma Dwarf—Sow in March and April, ½ peck, in drills, will plant an acre. **Price, 1 lb., 10c; ½ pk., 60c; pk., $1.00; bu., $2.50. By parcel post, 1 lb., 20c; ½ pk., 80c; pk., $1.35.**

Castor Beans—Plant like corn in March and April; use ½ peck of seed to the acre, in rows 4 feet apart; thin plants to 24 inches. **Price, 1 lb., 25c; ½ pk., 50c; pk., 75c; bu., $2.25. By parcel post, 1 lb., 35c; ½ pk., 75c; pk., $1.25.**

Teosinte—A valuable continuous cutting forage plant for Southern States. Sow in May or June in drills 2½ to 4 feet; 2 to 3 lbs. per acre. **Price, 1 lb., 75c; 5 lb., $3.50. By parcel post, ¼ lb., 35c; 1 lb., 85c; 5 lb., $3.70.**

Dwarf Essex Rape—This is an ideal sheep feed, easily grown; perfectly hardy and possesses remarkable fattening properties. Any corn soil will grow Rape. Sow the seed any time in March and by the end of June, and the crop can be ready to feed at a season when it is most needed. It does well sown with oats. After oats are cut the Rape grows rapidly. If the soil is rich and clean, sow broadcast; if not so clean, sow in drills and cultivate as for corn. When sown broadcast use 6 lbs., and if in drills 2 lbs. to the acre. **Price, 1 lb., 15c; 10 lb., $1.25; 50 lb., $5.00. By parcel post, 1 lb., 25c; 10 lb., $1.60; 20 lb., $2.90.**

Thousand Head Kale—Similar to Essex Rape, but grows taller, rich green leaves, excellent for all stock. In drills use 2 lbs. to an acre, broadcast use 5 lbs. **Price, 1 lb., 35c; 5 lb., $1.50; 10 lb., $3.00. By parcel post, 1 lb., 45c; 5 lb., $1.70; 10 lb., $3.35.**

Chufas or Earth Almonds—Used to fatten hogs. Plant in April and May in rows 3 feet apart, and 8 to 10 inches apart in the row. Soak seed in warm water before planting; 1 peck is sufficient for one acre. **Price, 1 lb., 20c; pk., $1.25; bu., 44 lb., $4.50. By parcel post, 1 lb., 30c; pk., 11 lb., $1.60.**

Spring Vetch—Sown with oats makes fine crop. Use 1 peck Vetch and 1 bushel Oats to an acre; plant in February and March. **Price, 1 lb., 15c; pk., $1.25; bu., 50 lb., $4.00. By parcel post, 1 lb., 25c; pk., $1.60.**

Sand or Hairy Vetch—Usually sown in the fall with oats or rye, 1 peck to the acre. **Price, 1 lb., 15c; pk., $2.25; bu., $8.50. By parcel post, 1 lb., 25c; pk., $2.60.**

Artichoke, Jerusalem—Excellent for fattening hogs. Plant in rows 4 feet wide, any time in March and April, dropping the tubes 18 inches apart in the row; immensely productive; 3 bushels will plant an acre. **Price, 1 lb., 15c; pk., 75c; bu., 50 lb., $2.25; 3 bu., $6.50. By parcel post, 1 lb., 25c; pk., $1.10.**

Canada Field Peas—Sown with oats in February and March, will make early hay crop. Use 1 bushel of the peas and 1½ bushels of oats for an acre. **Price, 1 lb., 10c; pk., 75c; bu., 60 lb., $2.75; 3 bu., $8.00. By parcel post, 1 lb., 20c; pk., $1.25.**

Mammoth Yellow Soy Beans—Makes good hay, also pasture; valuable soil renovator. Sow in May, June and July, one peck to the acre, in drills; if broadcast, use one bushel to the acre. **By freight, not prepaid, qt., 20c; ½ pk., 50c; pk., 75c; bu., $2.50. By parcel post, qt., 30c; ½ pk., 75c; pk., $1.25.**

Russian Sunflower—Plant in March, April and May, 6 lbs. of seed to the acre, making rows 3½ feet apart, dropping two seeds every 18 inches; cultivate like corn. **Price, 1 lb., 20c; 6 lb., $1.00; 50 lb., $5.00. By parcel post, 1 lb., 30c; 6 lb., $1.20; 20 lb., $3.00.**

SUDAN GRASS.

Do not fail to sow this wonderful hay grass. The Department of Agriculture reports it as a new crop of immense value for the Central West. See page 34 for prices.

All quotations on Grass Seeds are subject to market changes. Special quotations will be given at any time. State what quantity you wish.

Soy Beans.

Peanuts.

Plant in May and June, in 3 foot rows, dropping seed 12 inches apart; 1½ bushels of unhulled nuts will plant one acre. Merely break hulls in half, they do not need to be shelled before planting.

Spanish Peanuts—Nuts small, very productive, fine for hogs. **Price, 1 lb., 20c; 10 lb., $1.50; 1 bu., 22 lb., $2.25. By parcel post, 1 lb., 30c; 10 lb., $1.80; 20 lb., $2.75.**

Tennessee Mammoth Long Red—Easily cultivated; erect, bushy habit; productive. **Price, 1 lb., 20c; 10 lb., $1.50; bu., 22 lb., $2.50. By parcel post, 1 lb., 30c; 10 lb., $1.80; 20 lb., $3.00.**

Mammoth White Virginia—Large size pods; best variety for commercial use. **Price, 1 lb., 20c; 10 lb., $1.50; bu., 22 lb., $2.25. By parcel post, 1 lb., 30c; 10 lb., $1.80; 20 lb., $2.75.**

Mammoth Bush Peanuts—Extra large jumbo pods and nuts; one dozen nuts will produce a bushel; quite a novel variety. **Price, 1 lb., 50c; 3 lb., $1.25; 5 lb., $2.00. By parcel post, 1 Pkt., 15c; ¼ lb., 30c; 1 lb., 60c; 3 lb., $1.45.**

Velvet Bean.

Very prolific, vines running over 12 feet long; both vines and pods are eaten by all kinds of stock. An excellent fertilizing plant for plowing under. Should be planted in rows about 4 feet apart and 1 foot apart in the row, putting 2 or 3 beans in each place. The culture is the same as for Cow Peas. Use one peck to the acre. We have two varieties, as follows

Speckled—Beans mottled and speckled; the standard Velvet Bean. **Price, 1 qt., 35c; pk., $1.50; bu., 60 lb., $5.00. By parcel post, qt., 45c; pk., $2.00.**

Lyon White—Seed almost white, very prolific; matures early. **Price, qt., 40c; pk., $1.75; bu., 60 lb., $6.00. By parcel post, qt., 50c; pk., $2.25.**

Cow Peas.

Equal to clover as a soil fertilizer. Green crops plowed under are one of the cheapest methods of enriching the soil. Cow Peas are invaluable for the purpose, as well as providing a large amount of hay. They should be sown in May or June at the rate of 2 bushels to the acre.

We can supply in season any of the following varieties:

Whippoorwill or Speckled—The earliest bunch variety.

New Era—Extra early bushy habit.

Clay—Vine variety, fine for hay.

Black—Makes most vine; good for poor land.

Price, uniform, as follows:. 1 qt., 20c; pk., 75c; bu., $2.50, subject to market changes. By parcel post, qt., 35c; pk., $1.15.

Market prices on Cow Peas change often. Write for prices on large quantities when ready to buy.

White Table Peas.

Large White Blackeyed—Price, qt., 25c; 4 qts., 75c; pk., $1.25; bu., $4.00. By parcel post, qt., 35c; 4 qts., $1.00; pk., $1.65.

White Lady Peas—Price, qt., 25c; 4 qts., 75c; pk., $1.25; bu., $4.50. By parcel post, qt., 40c; 4 qts., $1.00; pk., $1.65.

White Brown Eyed—Price, qt., 25c; 4 qts., 60c; pk., $1.00; bu., $3.50. By parcel post, qt., 35c; 4 qts., 85c; pk., $1.40.

Jerusalem Artichoke.

Spanish Peanuts.

Cotton Seed

We have listed only the most popular and new varieties, and all are stocks that have been grown for us on contract. Any one wanting other cottons not shown here, write us for prices on same, as we are always in position to obtain pure seed of most all kinds. Owing to conditions in foreign countries at this writing, and the probability of a curtailed demand, prices on cotton seed are very uncertain. If you will correspond with us when ready to buy, we shall be glad to quote you lowest market prices.

Quality of Our Cotton Seeds.—We buy our seed of originators, or from scientific growers of seed bought from originators, in car lots. We know our growers; we know what is genuine seed of each type. When you buy of farmers or miscellaneous shippers, you are not certain what you are getting.

Half and Half Cotton.

Half and Half Cotton—Our seed is grown from originator's stock, and is far superior to the ordinary seed which has not been isolated or kept pure. As every one knows, all cotton seed must be handled with the utmost care, both in the field and at the gin. Half and Half Cotton, when genuine, has proven one of the most wonderful short cottons developed, large bolls, as early as King's, and will turn out 44 to 50 per cent. lint, according to the soil and season. The bolls are large, five locked, stalks vigorous and hardy, and will stand drouth better than most varieties. The staple is rather short, but when taken into consideration the high percentage of lint of Half and Half, it will certainly pay to plant same. **Price of pure seed: bu., $2.50; 5 bu., $11.00; 50 bu., $100.00.**

Trice's Early Big Boll Cotton—Trice's is the cotton for boll weevil sections on account of its light foliage and extreme earliness. The lint will run on good soil 1⅛ inches and turn out 30 per cent. at the gin. Large bolls, plant medium to tall, short limbs up to top, 2 to 3 large limbs at the bottom. Grows trim, straight up. No surplus foliage. Medium white seed. Opens early. Storm-proof, but easily picked. **By freight, bu., $1.50; 10 bu., $14.00; per ton $70.00.**

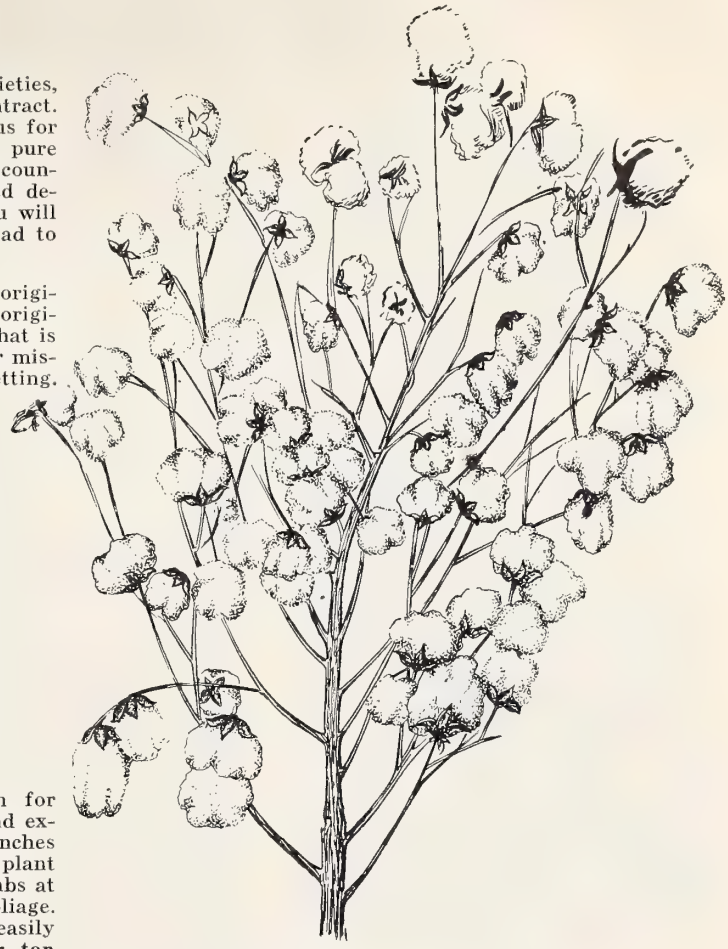
Early Triumph Big Boll Cotton—It is the earliest of all big boll varieties, being only a week later than King's Early. As a storm-proof cotton it beats all other cotton. A hand can pick more of it in a day than any other variety. It makes from 36 to 41 per cent of lint (thirty-six to forty-one pounds of lint to 100 pounds of seed cotton.) This cotton has a strong, thrifty, deep-rooted, medium sized, well-shaped stalk; bolls are usually five lock, very large and solid, therefore making more cotton than other spongy large bolls. Lint of the Triumph Cotton is silky and stronger than that of any other variety. 1 1-16 to 1⅛ inches in length. **Bu., $1.50; 10 bu., $14.00; ton, $75.00.**

Columbia Early Big Boll Staple Cotton—An improved big boll staple variety. Plants tall and branching; length of staple, which is strong in texture, is 1¼ inches; large locks and will gin out 35 per cent. Will yield easily a bale to the acre, and matures medium early, therefore well adapted to all boll weevil sections. **Bu., $1.50; 10 bu., $13.50; ton, $75.00.**

Norcross Garden Cultivator.

Best cheap tool made. You cannot afford to do without one. A small boy can operate it with ease. Tines can be adjusted or removed by simply turning a nut; a fine tool for all garden work.

Price, 5 tooth Norcross Cultivator 75c
Price, 3 tooth Norcross Cultivator 50c
Price, Midget Norcross Cultivator 25c
Postage Extra.



Half and Half Cotton.

Christopher's Improved Early Big Boll Cotton—Bolls are very large, 40 of them making 1 pound seed cotton, 5 to 7 locks to the cluster; seed cotton about 40 per cent lint, easily picked. It produces more to the acre than any other cotton known; staple very strong and about 1 1-16 inches; matures very early; stalks very large and branching, therefore should have ample space in the rows. **Bu., $1.50; 10 bu., $14.00; ton, $75.00.**

King's Improved—A very prolific variety; extra early and can be planted as late as June 15; will mature good crop. **Pk., 50c; bu., $1.40; 10 bu., $12.50; ton, $75.00.**

Cleveland Big Boll—Very early, big boll, staple 1⅛ to 1¼ inches. Succeeds well on most all kinds of land. **Bu., $1.50; 5 bu., $7.00; 10 bu., $13.50.**

Florodora Long Staple—A splendid staple variety, maturing very early, in fact, it is the earliest of all the long lint cottons, which always brings good premium. Well suited to rich upland soil. **Bu., $1.50; 10 bu., $14.00.**

Mississippi Silk Staple—This is one of the finest staple cottons grown; succeeds either on good uplands or rich soil. Plant medium, vigorous, sugar loaf in form; bolls medium, 4 to 5 locked, opening well; seeds medium to small, covered with white fuzz; lint fine, strong, length 1½ inches. **By freight, bu., $2.00; 10 bu., $16.00; ton, $90.00.**

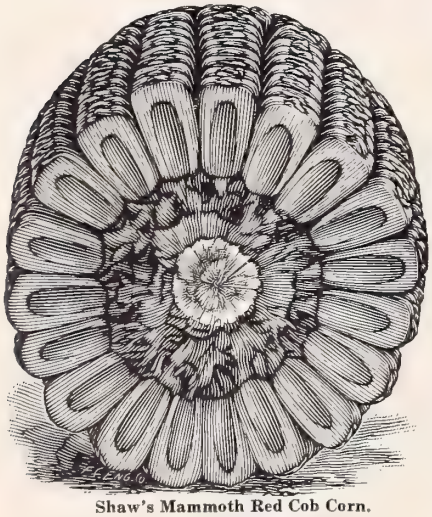
Express Cotton—A new and very desirable early maturing cotton, especially adapted for boll weevil sections, as it makes extremely early, and at the same time a splendid drouth resister. Some very large planters in the Delta are using Express Cotton almost exclusively now on this account. The yield is magnificent, plants fruiting extremely heavy, producing lint 1 1-16 inches and easily picked. We look for a great future for Express Cotton. Price, **bu., $2.50; 5 bu., $12.00; 10 bu., $22.00.**

Webber Cotton—Large boll, long staple. Was originated by D. R. Coker. A low growing heavy fruiting variety, making lint 1¼ to 1⅜ inches in length. We have pure seed of Webber, raised for us from original stock. **Bu., $2.00; 5 bu., $8.00; 10 bu., $15.00.**

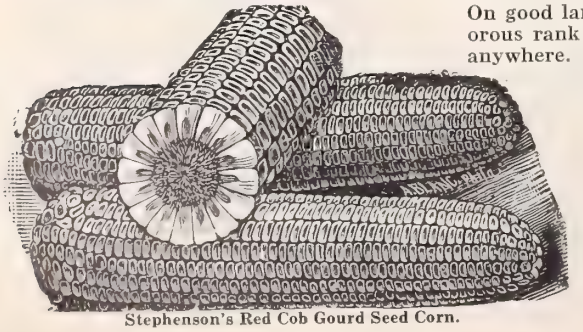
Selected Field Corn

Corn is One of the Most Important Crops with Southern Farmers.

Vardaman's Stooling Corn.



Shaw's Mammoth Red Cob Corn.



Stephenson's Red Cob Gourd Seed Corn.

Consequently, we are devoting considerable space to the description of the different varieties we have to offer, but are listing only those that we consider to be the very best of their type. Our stocks are the product of carefully selected seedstock and of crops that have received every care necessary to the production of a grade of corn that can be recommended as strictly seedstock.

Stephenson's Red Cob Gourd Seed—A very desirable deep grain pure white variety, ears about ten inches long with a very small red cob well filled to the end. Has sixteen rows of kernels to the ear; these measure ⅞ of an inch in length, which are pure white. This splendid corn is the variety you have been looking for on account of its desirable qualities. Stalks medium tall but are very heavy, therefore almost storm proof, good size ears with a long narrow grain and a very small red cob, and will produce two to three ears to the stalk. Stephenson's Red Cob Gourd Seed Corn is as well adapted to bottom lands, and does equally well on rich uplands, the grain having enough flint in it to avoid rotting. **Qt., 40c; 4 qts., $1.00; pk., $1.75, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.25; bu., $4.50.**

Shaw's Mammoth Red Cob White Dent—One of the best all-round white sorts, producing largest crops of finest quality corn. The ears average about 10 inches in length, of uniform size, and good depth of grain; on red cobs, well filled. The grains are pure white, solid, producing the finest milling white corn. The yield of this superior corn is very large, sometimes as much as 80 bushels per acre. **Qt., 40c; 4 qts., 85c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., $1.00; bu., $3.00.**

Blount's Prolific—This remarkably prolific corn was introduced by Prof. Blount, who, starting with two ears to the stalk, has succeeded in improving it so as to produce from three to six ears. It is a large-yielding white variety of flinty nature, making excellent meal. Reports of this corn from Texas and Alabama Experiment Stations rank this as one of the largest yielding of field varieties for the South. For late planting the corn has no superior. It is of quick growth, matures up well and yields splendidly. **Qt., 40c; 4 qts., 85c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., $1.00; bu., $3.00.**

Mosby's Prolific—This is a Southern corn, and is recommended for general crop. It is purely white, small cob, deep full grain, neither too hard nor too soft, and stands crowding in the drill as close again as any other kind. Ears of medium size, but long. It stands drouth better than ordinary corn. **Qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.50.**

Tennessee Red Cob White—A large-eared, red cob corn; grain deep and large; a fine Southern grown variety. **By parcel post, qt., 35c; 4 qts., 75c; pk., $1.20. By freight, not prepaid, 4 qts., 50c; pk., 70c; bu., $2.50.**

North Carolina White Prolific—A fine variety of white field corn. It is very hardy and can be planted very early, as well as late. **By parcel post, qt., 35c; 4 qts., 75c; pk., $1.50. By freight, not prepaid, 4 qts., 50c; pk., $1.00; bu., $3.00.**

Vardaman's Stooling Corn—Has taken first prize at all Southern State fairs and was again the winner at the 1914 Tri-State Fair last September. Vardaman's Stooling Corn is a cross of Mosby's and North Carolina Prolific, and resembles the former variety; a pure white corn with good size ears that will produce from two to ten ears on every hill, depending on the land. The average yield of this splendid corn for the last three years was 94 bushels per acre. Read the last three-year yields as reported by Mr. Vardaman:

1912 crop of 70 acres produced 8,505 bushels, an average of 121½ bushels per acre.

1913 crop of 100 acres produced 9,432 bushels, an average of 94 1-3 bushels per acre, notwithstanding a ten-weeks' drouth.

1914 crop of 150 acres, with drouth from May 4th to August 2nd, or about 91 days, made an average yield of 75 bushels to the acre.

The suckers on this corn produce corn for three or four weeks later than the main stalks, which in case of drouth, extends the fruiting season three weeks longer than any other corn. Plant in rows 3 feet each way and 18 inches apart in the row, leaving two stalks to each hill. We have stock direct from Mr. W. S. Vardaman, the originator, price as follows: **Qt., 50c; 4 qts., $1.00; pk., $1.75, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.25; bu., $4.50.**

Schwill's Early Surprise—A good, early white field corn. Planted about the middle of March, it will mature about the 1st of July. Early Surprise is the variety to plant if you want to be sure of a crop maturing before the drouth comes in August. Ears of good average size. **Qt., 35c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.50.**

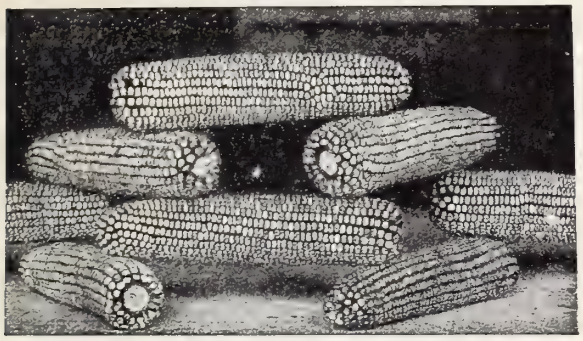
Schwill's Prize Medal—Very long, broad, deep white grains, with immense ears. On good land will make 60 to 75 bushels to the acre. A Southern variety; a vigorous rank grower, and on account of the size of ears and grain will win prize anywhere. **Qt., 40c; 4 qts., $1.00; pk., $1.75, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.25; bu., $4.00.**

Hickory King—100 days. The cob is so small and the grain is so large that when an ear is broken in half one grain will cover the entire end of cob. Nearly all of the stalks bear two ears, and we consider it one of the best white corns grown. Does well on thin land. It ripens in from 100 to 110 days from time of planting. **Qt., 40c; 4 qts., 75c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., $1.00; bu., $3.00.**

Dempsey's Prolific—Similar to Batt's, but considerably larger; pure white ears, always sound and produces two to four ears on a stalk. **Qt., 50c; 4 qts., $1.00; pk., $1.75, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.25; bu., $4.00.**

Tait's White Dent—A pure white early corn, bearing two good ears to the stalk, maturing in 90 to 100 days. The cobs are unusually small for the size of the corn. The ears are medium-sized, 14-rowed, and can be planted much thicker than a large corn and yet bear full-sized ears. **Qt., 40c; 4 qts., 75c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., $1.00; bu., $3.00.**

Mexican June—This is a valuable addition to our large and selected list of field corn, best adapted for the South, has been thoroughly tested in the past and has proven all that was claimed for it. It is a strong, robust grower, sending the roots deep into the soil. Stands heat and drouth well. Ears large, small grain and well covered with shucks. Should be planted in succession from middle of April to end of July. **Qt., 50c; 4 qts., 90c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.00; bu., $3.00.**



Seay's Mexomer June Corn.

Seay's Mexomer June—The corn of quality and quantity. Superior to the ordinary type of Mexican June Corn. Seay's Mexomer Corn is universally adapted to all soils and climatic conditions. The grain is a beautiful snowflake white, with grains soft and of fine texture; grows successfully with only half normal rainfall. The heavy root system makes it resistant to hot, dry weather. It is very prolific, bearing 2 to 3 ears to the stalk. Can be planted early as well as late. Will mature in 80 to 90 days. **Qt., 60c; 4 qts., $1.15; pk., $2.00, parcel post paid. By freight, not prepaid, 4 qts., 90c; pk., $1.50; bu., $4.50.**

Tait's White Dent Corn.

SEASONABLE PLANTING.

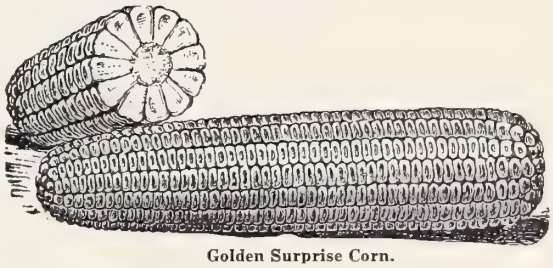
This is one of the elements of success. Some vegetable and flower seeds such as English peas, turnips, potatoes, sweet peas, poppies, etc., also clover, oats, vetch, grasses should be sown early as they require cool, moist soil for root growth, while beans, vine seed, tomatoes, cow peas, soy beans, sorghum, millet, etc., should not be sown until the ground is warm. Too early planting of these plants of tropical origin is the most frequent cause of failure with them, the seedlings being so stunted by a chilly soil that the plants never become vigorous and are often overcome by weeds.

Red Cob White Ensilage—Heavy tall stalks, for ensilage; the very best sort. **Qt., 40c; 4 qts., 85c; pk., $1.50, parcel post paid. By freight, not prepaid, 4 qts., 60c; pk., $1.00; bu., $3.00.**

Tennessee Mammoth Yellow—Ears are of a perfect shape, long and filled out to the end of the cob. The grains are not of a flinty type, neither are they so soft. A Southern grown large-eared yellow corn, sure to give satisfaction. **Qt., 40c; 4 qts., 75c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.50.**

Schwill's Golden Warrior Corn.

Schwill's Golden Warrior—A comparatively new variety which has given most satisfactory crop results wherever planted. It was originated by an expert corn grower in the State of Tennessee, and carefully bred until its characteristics have been well fixed. It is early in maturity, and makes a good, stout stalk, ordinarily about nine feet high, well foddered, and producing one to two large ears to the stalk. The grains are deep and of a most attractive yellow color; the cob comparatively small. **Qt., 50c; 4 qts., $1.00; pk., $1.75, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.25; bu., $4.50.**



Golden Surprise Corn.

Golden Surprise—This splendid corn makes a large sized ear, small cob; deep grains, which are of a bright, attractive golden yellow color. Produces 2 to 3 ears to the stalk. **Qt., 40c; 4 qts., 70c; pk., $1.25, parcel post paid. By freight, not prepaid, 4 qts., 50c; pk., 75c; bu., $2.50.**

Brazilian or Stooling Flour Corn—A grand stooling sort, and each kernel produces several stalks, and each stalk bears 2 to 3 beautiful white ears, which makes a flour. **Qt., 60c; 4 qts., $1.00; pk., $2.00, parcel post paid. By freight, not prepaid, 4 qts., 75c; pk., $1.50; bu., $4.50.**

Standard Varieties Seed Corn.

Price, by parcel post, 1 qt., 35c; 4 qts., 65c; 1 pk., $1.25.

Price, by freight, not prepaid.	4 Qts.	Pk.	Bu.
Iowa Silver Mine	$ .40	$ .75	$2.25
Champion White Pearl	.40	.70	2.00
Schwill's 90-Day White	.40	.75	2.25
St. Charles White, Red Cob	.40	.70	2.00
Iowa Gold Mine	.40	.70	2.00
Golden Beauty	.40	.70	2.00
Yellow Leaming	.40	.70	2.00

Pop Corn.

White Rice—Very easily popped, tender and white.
White Pearl—A fine variety; clear white and productive.
Queen's Golden—A beautiful golden color; pops large.
Price, pkt., 15c; ½ lb., 20c; 1 lb., 30c; 5 lb., $1.00, parcel post paid. By freight, not prepaid, 1 lb., 20c; 5 lb., 75c; 10 lb., $1.25; 50 lb., $4.00.

High Grade Fertilizers

Best Results from the Soil.—If you want to obtain the best results from the soil, we are compelled, by sheer necessity, to use commercial fertilizers. The prices given below are net cash and f. o. b. Memphis. Special prices on car lots and larger quantities delivered at your depot will be given on application.

Directions for Using Fertilizers.

For Corn—When sown broadcast, use 200 to 400 pounds to the acre. If applied in the hill, use 1 handful to 2 or 3 hills, mixing it with the soil or scattering it somewhat. Do not let seed come in contact with fertilizer.

For Cotton—Open up a furrow, put down 200 to 300 pounds, then cover, then plant seed. Or you can apply after thinning the plant to a stand, using any good fertilizer distributer, drilling the fertilizer about 6 to 8 inches from the plants.

For Potatoes—Apply 400 to 600 pounds per acre of Truck Grower in the rows or hills.

For Grass—Apply at any time during the spring or fall, 300 pounds per acre, broadcast.

For Beans, Peas and Garden Vegetables—Apply 300 to 400 pounds per acre, broadcast, and rake or harrow it before planting the seed.

For Tomatoes—The usual plan is to furnish each plant with a small handful at transplanting time well mixed with the soil.

Schwill's Truck Fertilizer .....
.....**6 lb., 25c; 25 lb., 75c; 100 lb., $2.25; ton, $35.00**
Schwill's Cotton Fertilizer .....**100 lb., $1.50; ton, $25.00**
Schwill's Corn Fertilizer .....**100 lb., $1.50; ton, $26.00**
Schwill's Acid Phosphate, 16%.....**100 lb., $1.25; ton, $18.00**
German Kainit .....**100 lb., $1.25; ton, $20.00**
Muriate of Potash .....**100 lb., $4.50; ton, $80.00**
Sulphate of Potash .....**100 lb., $4.50; ton, $80.00**
Nitrate of Soda, 3 lb., 25c; 25 lb., $1.25; 100 lb., $4.00; ton, $70.00
Schwill's Lawn Fertilizer .....
.....**6 lb., 25c; 25 lb., 75c; 100 lb., $2.50; ton, $38.00**
Sheep Manure ..**4 lb., 25c; 25 lb., $1.00; 100 lb., $2.50; ton, $40.00**
Pure Bone Meal, 6 lb., 25c; 25 lb., 75c; 100 lb., $2.50; ton, $45.00
Land Plaster .....**10 lb., 25c; sack, 200 lb., $1.25; ton, $ 9.00**
Cotton Seed Meal ....**10 lb., 25c; sack, 100 lb., $1.50; ton, $28.00**
Sterlingworth Lawn Compound—5 lb., 35c; 10 lb., 75c.

"Bonora," Nature's Plant Food—Fine for all pot plants, palms, etc. **Trial size, ¼ lb., pkg., 25c; by parcel post, 30c; 1 lb. size pkg., 50c; by parcel post, 60c.**

Peat or Humus Muck—Is a very rich dark soil, originating principally from decayed vegetation, and is found in swampy locations. A fine substitute for barnyard manure, being rich and of high quality of humus. **Price, 25 lb., 50c; 100 lb. sack, $1.00; ton, 2000 lbs., $15.00.**

Walker's Excelsior Plant Food—Produces rich, green growth and profusion of flowers. **Small can, 10c; by parcel post, 15c. Large can, 20c; by parcel post, 30c.**

Ammoniated Lawn Lime Fertilizer—Will help kill out all weeds, makes the grass grow luxuriantly. **2 lb., 15c; 5 lb., 35c; 25 lb., $1.00.**

Bowker's Plant Food—Excellent for all house or greenhouse plants, ferns, etc. **Small box, 15c; by parcel post, 20c. Large box, 25c; by parcel post, 35c.**

Ground Limestone for Soil Betterment.

When commercial fertilizers were first introduced, many farmers thoughtlessly abandoned lime sowing, but the reaction has already begun, and the wise land owner whose soil has been under tillage for many years, understands the value of using both commercial fertilizer and lime. The importance of lime for nearly all soils is generally understood.

Lime seems to be a necessary mineral requisite in plant life. Scientists discover that where there is a scarcity of lime, the principal farm products fail to mature, and where there is no lime at all, the soil is barren. Careful tests disclose:

7 lbs. of lime per ton of Corn Fodder.
9 lbs. of lime per ton of Oats.
10 lbs. of lime per ton of Timothy Hay.
40 lbs. of lime per ton of Clover.

The fertilizing properties of lime seem to extend in the direction of overcoming acidity of soil; supplying mineral necessary for plant growth; actively assisting in the fixation of phosphorous, potash and nitrogen, rendering them more attainable and convertible; all of which means better and larger crops.

In sacks containing 100 lbs., at 75c per sack; per ton, $8.00.

Farmogerm—"Makes Poor Soil Good Soil."

(High Bred Nitrogen-Gathering Bacteria.)

Lack of nitrogen in the soil is one of the most common reasons for poor farm crops. Unfortunately, also, nitrogen is one of the most costly fertilizing elements. The best mixed stable manure contains only one-half of 1 per cent. nitrogen and hence is very expensive.

It is with much pleasure, therefore, that we offer an article which supplies the necessary nitrogen at one-sixteenth of the cost of using stable manure. This is accomplished by simply moistening the seed of any leguminous crop (such as any kind of Clover, Beans or Peas) with a solution of **Farmogerm.** This article is highly endorsed by farmers and scientists wherever tried.

The use of **Farmogerm** High Bred Nitrogen Gathering Bacteria, on the seeds of Peas, Beans, Clovers, Alfalfa and all other legumes, means an earlier and bigger crop and a large amount of nitrates added to the soil to benefit future crops of other kinds.

Farmogerm is prepared for the following crops. State for what crop you want it for when ordering, viz:

Red Clover, Crimson Clover, Alsyke Clover, Alfalfa Clover, Burr Clover, Lespediza, Vetch, Soy Beans, Cow Peas. Garden Beans and Peas, Sweet Peas.

Prices as follows:

Garden Size Bottle .....**Each, $ .50; by parcel post, $ .55**
One Acre Size .....**Each, $2.00; by parcel post, $2.10**
Five Acre Size .....**Each, $6.00; by parcel post, $6.25**

Ask for complete circulars on Farmogerm.

Daisy Fertilizer Distributor.

Is a strong, accurate and trustworthy tool, handsomely finished and the material and workmanship throughout is the very best. The gauge is positive and is easy to set so as to distribute from 50 to 1,000 pounds to the acre. **Price, $4.50 each; 3 for $13.00.**

Sterlingworth Plant Tablets.

A new odorless invigorator for house plants; increases growth of plant and doubles the bloom. **Two sizes, 10c and 25c per box; by parcel post, 15c and 25c.**

Pat. March 16 and Nov. 9, 1897

Insecticides

Try spraying this spring. You will be well repaid for your expense and trouble. Directions for applying the different preparations are printed on the package. Prices are f. o. b. Memphis, purchaser paying carrying charges, unless stated otherwise.

Poisonous insecticides and liquids of any kind are not permitted in the mails, so all packages of poisons, no matter how small, must be sent by express or freight.

Order early. Fruit trees should be sprayed late in winter or very early in spring. Have the material on hand and do the work at the right time. You can raise good fruit by systematic spraying.

When and What to Spray.

TREE.	First Application.	Second Application.	Third Application	Fourth Application.
APPLE.	Lime Sulphur Solution during January and February	Just before blossoms open, Bordeaux Mixture.	When fruit is set, Arsenate of Lead.	Spray growing fruit with Arsenate of Lead.
PEACH.	During January and February—Lime Sulphur Sol.	Before buds swell, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later Bordeaux Mixture.
PLUM.	January—Lime Sulphur Solution.	Before buds swell, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later Bordeaux with Arsenate of Lead.
PEAR.	January—Lime Sulphur Solution.	For blight, cut out all affected branches.	After blossoms have fallen, Bordeaux Mixture.	20 days later Bordeaux with Arsenate of Lead.
CHERRY.	January—Lime Sulphur Solution.	For black knot and rot Bordeaux when fruit is set.	14 days later repeat Bordeaux with Arsenate of Lead	If aphis appears, use Kerosene Emulsion.
GRAPEVINE.	Before buds break, Copper Sulphate Solution.	When fruit is set, Bordeaux Mixture.	14 days later. Bordeaux Mixture.	14 days later Bordeaux with Arsenate of Lead.

For fungus diseases, use at all times Bordeaux Mixture. For lice and chewing insects and Aphis, use Kerosene Emulsion. On roses, use Fir Tree Oil Soap solution for green fly. For caterpillars, use Arsenate of Lead. For mildew, use Lime Sulphur. For cut worms, use Cut Worm Food. For tomato worms, apply Slug Shot; cabbage worms, Slug Shot. For potato bugs, use Bug Death and Arsenate of Lead.

Lime Sulphur Solution—We handle the Sherwin-Williams brand, the best on the market. **Price, 1 qt., 35c; 2 qts., 50c; 1 gal., 75c; 5 gal. can, $3.00; ½ bbl., 30 gallons, at 35c gal.; bbl., 50 gal., at 28c gal.**

Arsenate of Lead—Sherwin-Williams brand, always reliable. **Price, powdered form, which is the most economical to use, ½ lb., 25c; 1 lb., 50c; 5 lb., $2.00; 100 lb., $25.00. Paste form, 25 lb. jars, $3.50; 100 lb., keg, $12.50.**

Bordeaux Mixture—We carry the best brand of this standard formula. **Price, paste form, 1 lb., 35c; 5 lb. jar, $1.00; 25 lb. jar, $3.00. Dry, powdered, 5 lb. pkg., $1.00. The paste form of Bordeaux Mixture is the most desirable and effective.**

Bordeaux and Arsenate of Lead Mixture—A combination fungicide and insecticide. **Price, gal., $2.00.**

Kerosene Emulsion—Lion Brand, full directions on can. **Price, qt. can 40c; gal. can, $1.25.**

Slug Shot, Hammond's—Non-poisonous; a splendid powder for general use. **Price, 1 lb. box, 15c; 5 lb. pkg., 35c; 10 lb., 60c; 100 lb., $5.00. By parcel post, 1 lb., 25c; 5 lb., 55c; 10 lb., 90c.**

Bug Death—An effective non-poisonous powder for potato bugs and other insects in the garden. **Price, 1 lb., 15c; 3 lb., 35c; 5 lb., 50c; 12½ lb., $1.00; 100 lb. keg, $7.50. By parcel post, 1 lb., 25c; 3 lb., 50c; 5 lb., 70c; 12½ lb., $1.35.**

Tuber Tonic—A new preparation from Sherwin-Williams Co. especially made to kill potato beetle and at the same time acts as a tonic to the plant. **Price, 1 lb., 35c; 5 lb. can, $1.50.**

Paris Green—**Price, ¼ lb., 15c; ½ lb., 25c; 1 lb., 35c; 5 lb., $1.50; 100 lb. keg, $20.00.**

Pruning Compound—For use on trees after pruning, keeps limbs from bleeding. **1 qt. can, 40c.**

Aphine—This is a powerful insecticide but does not affect the most tender plants, fruits or vegetables. It is a combination of ethereal oils and nicotine in soluble form, which is easily diluted with water. It is applied as a spray or wash. It will exterminate green and black fly, thrips, slugs, mealy bug, red spider, ants, etc. **¼ pint can, 35c. By parcel post, 40c. ½ pint can, 60c. By parcel post, 70c.**

Lemon Oil Insecticide—Death to all insect pests; contains no poison; safe to use; leaves no odor; will destroy all lice, scale, worms, spiders, aphis, etc., on all plants. Mixes with water and easily applied. **Price, ½ pt., 25c; 1 pt., 50c; cannot be mailed.**

Tree Tanglefoot—Applied to trees keeps ants and caterpillars from crawling up; a sure cure for most insect trouble on all kinds of trees. **1 lb. can, 35c; 3 lb. can, 85c. By parcel post, 1 lb., 45c; 3 lb., $1.00.**

White Hellebore—Effective on all lice and other insects on vegetable plants; poisonous but safe to use. **½ lb., 20c; 1 lb., 35c.**

Cut Worm Food—Simple, easy to use; a sure dose for eradication of all cut worms. **Price, 1 lb., 25c; 5 lb., $1.00. By parcel post, 1 lb., 35c; 5 lb., $1.20.**

Fir Tree Oil Soap—Excellent remedy for all house plants, trees or shrubs. **½ lb. can, 25c. By parcel post, 35c.**

Tobacco Dust—For lice and other insects on all vegetable and flower plants. **1 lb., 15c; 5 lb., 40c; 25 lb., $1.25; 100 lb., $4.00. By parcel post, 1 lb., 25c; 5 lb., 60c.**

Dalmatian or Persian Insect Powder—Non-poisonous but very effective against all insects. **Price, ¼ lb. box, 20c; 1 lb., box, 50c. By parcel post, ¼ lb., 25c; 1 lb., 60c.**

Sulpho Tobacco Soap—Will keep off and kill all insects on plants and trees. **Price, 3 oz. cake, 10c. By parcel post, 15c.**

Whale Oil Soap—Effective against scale, ants, aphis, etc., on trees and plants. **¼ lb., 10c; 5 lb. box, $1.00. By parcel post, ¼ lb., 15c; 5 lb., $1.20.**

Grafting Wax—Prepared especially for all grafting on trees, etc. **¼ lb., 15c; ½ lb., 25c. By parcel post, ¼ lb., 20c; ½ lb., 35c.**

Hammond's Grape Dust—Keeps off blight and other fungus diseases. **5 lb., 35c; 100 lb., $5.00. By parcel post, 5 lb., 55c.**

Germo Magic Disinfectant—Reliable, does not stain; effective on ants, roaches, and chicken lice. **Qt., 40c; ½ gal., 75c; 1 gal., $1.25; 5 gal., $6.00.**

Chemo Disinfectant—For all household use on beds, for ants, roaches, etc. **Qt., 40c; gal., $1.25.**

Measuring Insecticides.

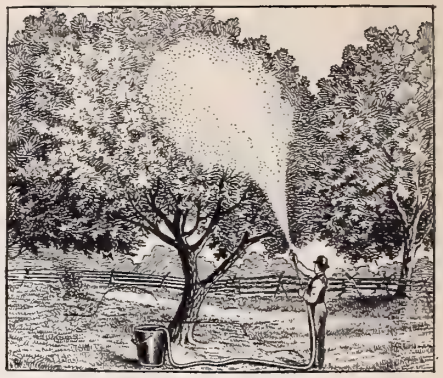
The following table will be helpful to the amateur in diluting any spray material, viz:

1 part spray material to 100 parts of water, means—
- 1 teaspoonful to one pint of water.
- 4 tablespoonfuls to one gallon of water.
- ½ pint to six gallons of water.
- 1 pint to twelve gallons of water.
- ½ gallon to one barrel of water.

For stronger solutions, as needed, increase quantity of spray material to above amount of water.

Spray Pumps

If you have not had successful fruit crops, try spraying.

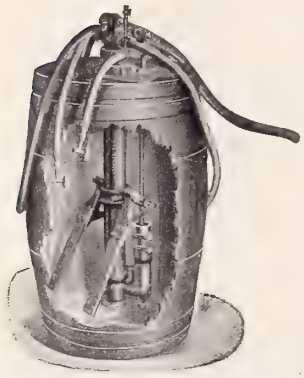


Standard Sprayer.

Brandt's Ideal Sprayer—Equipment, tank 15 gallons, portable, attached to an iron wheelbarrow frame with wheel; 10 feet ⅜-inch pressure hose, 10 feet 3-piece pipe extension, 1 T shut-off cock, 1 Brandt nozzle. Weight, 65 lbs. **Price, $18.00.**

The Standard Spray and Whitewash Pump—Throws a stream 40 feet and makes a spray as fine as mist. Has no equal for spraying trees, flowers, lawns, gardens. Spray your cattle, hog or poultry houses with it. We furnish a separate nozzle for whitewashing. **Price, each, $4.00. By parcel post, $4.25. With knapsack spray tank, $7.00; by parcel post, each, $7.75.**

Gould "Pomona" Barrel Spray Pump—Strong, durable, powerful. Working parts are bronze. No leather valves. Plunger outside packed. An agitator that agitates. **Price, pump, with 10 feet hose and connections and Gould nozzle, each, $15.00; 10 foot bamboo extension pipe, extra, $3.00 each.**



Gould Pomona Barrel Spray Pump.

Bink's Style J Whitewash and Sprayer.

Myers' Orchard Barrel Spray Pump No. 305—Complete with 5 feet of ½-inch 3-ply discharge hose and Bordeaux nozzle. **Price, without barrel, $9.00; with patent agitator, $10.00; with one 6-foot extension pipe, $10.50.**

Myers' Cog Gear Barrel Spray Pump No. 318B—Has malleable iron base, fits any regular size barrel. Cylinder valves and valve seats all brass; has 15 ft. of ½-in. 5-ply discharge hose; mechanical agitator, and Vermorel nozzle. This is a splendid outfit. **Price, $14.00.**

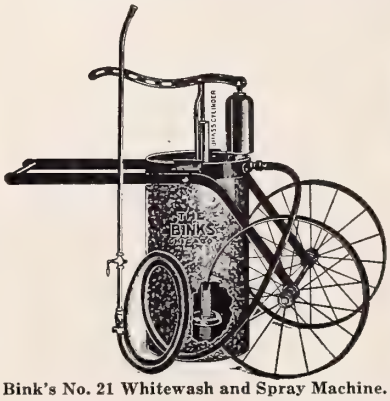
Myers' Whitewashing and General Purpose Sprayer—Tank, extra heavy galvanized steel, holds 8 gallons. Suitable for applying whitewash and water paints. **Price, each, $10.00.**

Myers' Knapsack Sprayer—The best knapsack sprayer. **Price, with galvanized iron tank, $7.50; by parcel post, $8.00; with copper tank, $12.00; by parcel post, $12.50.**

Myers' Fountain Sprayer—This is the cheapest knapsack in the market; very durable and will pay for itself in a short time. **Price, complete, $5.50; by parcel post, $6.00.**

The Binks No. 21 Whitewash and Spraying Machine—Something entirely new. A small portable hand-power sprayer, easily moved, having two large wheels, well balanced, strong in construction; will spray whitewash in a thorough manner without clogging; can also be used for all tree spraying. Tank holds 12 gallons, equipped with patent agitator and wont clog. **Price, with 10 feet ½-inch hose and couplings, spray pipe, complete with ¼-inch cock and nozzle, $16.00**

The Binks Style J Whitewash Sprayer—A splendid bucket outfit. Capacity equal to work of six men with brushes. One man can operate this machine alone. Equipment spray pipe complete with ⅛-inch cock and spray nozzle, follower wrench, and 10 feet of ⅜-inch discharge hose. **Price, complete, $10.00.**



Bink's No. 21 Whitewash and Spray Machine.

Myers' Knapsack Fountain Sprayer.

Parcel Post Prices.

All prices given in this book by "Parcel Post Paid" are about correct, and cover charges for packing and postage to any post office within the third zone, or 300 miles from Memphis. Parties ordering that live more than 300 miles from this city will please add additional funds for stamps.

Zenoleum.

Kills lice and bugs. A remedy for all live stock and poultry. Use it always to obtain animal health, for wounds and skin trouble, for dipping sheep, hogs or poultry, to disinfect barns, chicken houses, especially incubators and brooders. Used at fifty agricultural colleges. Send for circulars. **Small can, 25c; qt., 50c; gal., $1.50. Not mailable.**

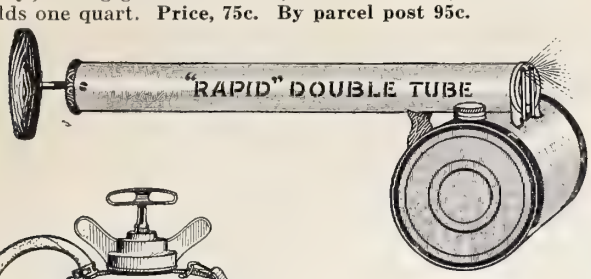
Otto Schwill & Co., Memphis, Tenn.
Gentlemen:—Fruit trees ordered from you received O. K., and up to expectations. Thanks for same.
Marianna, Ark. Respectfully, H. CROSS.

Otto Schwill & Co., Memphis, Tenn.
Gentlemen:—The plants to hand, and I am very much pleased with them. They were nice and came in good order and are living nicely. Respectfully,
Beauregard, Miss. M. S. LAMB.

Otto Schwill & Co., Memphis, Tenn.
Gentlemen:—I have used Schwill's seed for five years with great success. All varieties I think are true to name, and I have had better success with my garden since I began using your seed than ever before
Yours truly,
Potts Camp, Miss. MRS. ELLIS DOWNS.

Compressed Air Sprayers.

Rapid Double Tube Sprayer—Throws a wide double V-shaped spray; strong galvanized tank, double seamed; well braced; holds one quart. **Price, 75c. By parcel post 95c.**



Modoc Bucket Pump.

Brandt's Perfection Compressed Pump—A light, compact compressed air sprayer. Will spray whitewash. **Galvanized iron, $4.50; brass, $6.75; 2½ feet extension pipes, 50c each extra; whitewash caps, 50c each extra. By parcel post, add 25c extra.**

"Modoc" Bucket Pump—This pump is used for a bucket spray and force pump, as well as for whitewashing. It will throw a stream 35 feet high. All solid brass, double action, bronze ball valves. Will whitewash and spray with same nozzle by simply turning the disc. Equipped with 5-ply pressure hose. **Price, $3.50. By parcel post, $3.75.**

Junior No. 5 Bucket Pump—All brass, easy to operate; light weight, but a durable pump. **Each, $2.75. By parcel post, $3.00.**

The Lowell Compressed Air Sprayer—The air enters the sprayer through the valve at bottom of pump, thoroughly agitating and mixing the contents of sprayer. Holds from 3 to 4 gallons. **Price, galvanized iron, $4.00; 2 feet extension pipes, each 50c; elbow for spraying under leaves, 50c. By parcel post, $4.40.**

Style H Star Compressed Air Pump—The very best compressed air pump on the market, extra strong, galvanized tank equipped with a powerful self-contained all-brass air pump. Holds four gallons. Capacity equal to four men with brushes. **Price, each, $9.00. By parcel post, $9.70.**

"Simplex" Sprayer—The "Simplex" Sprayer is without question the most successful machine of its kind on the market. The pressure is maintained high and even with the pump that is under perfect control at all times.

No. 1—Brass Tank Simplex Sprayer, each	**$5.50**
No. 2—Galvanized Tank Simplex Sprayer, each	**4.50**
2-foot Extension Pipes, each	**.50**
No. 2—Brass Cap for whitewashing, each	**.50**

By parcel post, add 35c each to Simplex Sprayers.

The Auto Spray Pump—The "Auto Spray" works automatically for six to fifteen minutes, according to the nozzle opening. It may be charged in fifteen seconds by a few strokes of the plunger, and two pumpings will usually discharge the entire contents. Simply fill two-thirds full of solution and pump up air pressure. Diameter, 7 inches; height, 2 feet; capacity 4 gallons.

A—Brass Tank with stop cock	**$7.50**
B—Brass Tank with Auto Pop No. 1	**8.00**
C—Galvanized Tank with stop cock	**5.00**
D—Galvanized Tank with Auto Pop No. 1	**5.50**
Auto Pop Attachment with hose	**1.50**
Brass 2-ft. extension, per length	**.50**
Brass Elbow extension	**.50**
Strainer for Auto Spray Pumps, copper	**1.00**

By parcel post, Auto Pumps, 50c each extra.

Hand Atomizers.

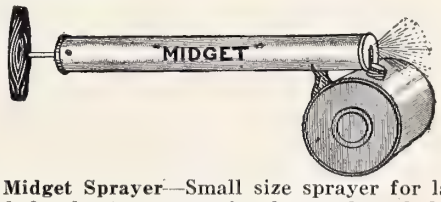
These are very useful in the poultry house for applying liquids, also fine for spraying the small plants, roses, shrubs, etc. Our line is the most complete in the city.

Lowell Continuous Atomizer—Makes a continuous spray; easier to operate and much superior to the ordinary kinds of sprayers. **1 qt. size, 75c. By parcel post, $1.00.**

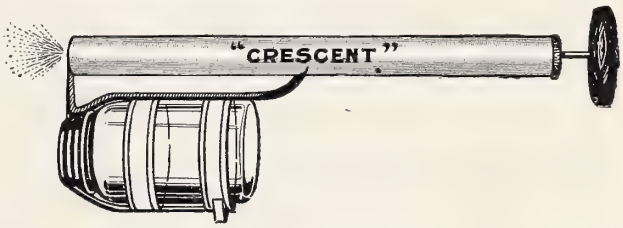
Faultless Hand Atomizer—Capacity, 1 quart. The best sprayer made. Throws a spray as fine as mist, rendering the use of strong solutions safe on tender foliage plants, or in poultry houses. **Each, 50c. By parcel post, 70c.**

Rome Hand Sprayer—Has long cylinder and throws a fine spray; durable and strong. **1 qt. size, 50c. By parcel post, 75c.**

Misty Jr. Sprayer—Has large, powerful pump; lock-seamed can; made of heavy tin; will do good work. **1 qt. size, 50c. By parcel post, 70c.**



Schwill's Midget Sprayer—Small size sprayer for ladies' use. Splendid for house use or in the garden; holds 1 pint. **Price, 35c. By parcel post, 50c.**



Crescent Glass Tank Sprayer—Any Mason quart jar fits this pump. Six, seven or more different kinds of insecticide can be used with this same sprayer, by simply changing the glass jars. Will make a double spray that spreads over a wide area. **Price, 75c. By parcel post, $1.00.**

The "Easy" Compressed Air Sprayer—Strong, durable and attractive. Has a large and strong pump, automatic shut-off nozzle. Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for large gardens, etc. It is built of galvanized steel or brass, as ordered. Holds 1 gallon. **Galv. tank, each, $2.50; brass tank, each, $3.50; whitewash caps, 50c each extra. By parcel post, add 40c extra.**

Water or Sprinkling Pots.

Lisk, heavy galvanized iron	**6 qt., each,**	**$ .60**
Lisk, heavy galvanized iron	**10 qt., each,**	**.75**
Lisk, heavy galvanized iron	**12 qt., each,**	**1.00**
Lisk, heavy galvanized iron	**16 qt., each,**	**1.25**
Reed, extra heavy galvanized	**4 qt., each,**	**.35**
Reed, extra heavy galvanized	**8 qt., each,**	**.70**
Iron Clad, good quality	**10 qt., each,**	**.65**
French Watering Pots, long tube	**10 qt., each,**	**2.50**
French Watering Pots, long tube	**12 qt., each,**	**3.00**

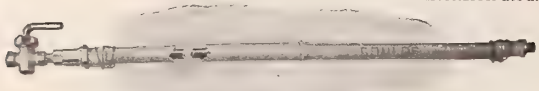
Scollay's Rubber Sprayer—Angle neck. **Each, $1.00.**

Scollay's Rubber Sprayer—Plain top. **Each, $1.00.**

Scollay's Putty Bulbs—Each, $1.00.

By parcel post, add 10c each.

Bamboo Extension Rod.



Dry Powder Sprayers and Dusters.

Acme Hand Bellows .....each, $1.00; by parcel post, $1.25
Lowell Dry Powder Sprayer...each, .50; by parcel post, .75
Dickey Bug Death Duster ....each, .25; by parcel post, .40
Insect Powder Gun .....each, .25; by parcel post, .30
Acre an Hour Sifter .....each, .75; by parcel post, .90

Spray and Hose Nozzles.

Vermorel Nozzle, ½-inch thread, each $0.75
Bordeaux Nozzle, ½-inch thread, each ..... .75
Gould Misty Spray Nozzle, ½-inch thread, each 1.00
Brandt's Misty Spray Nozzle, ½-inch thread, each ..... .75
Gem Hose Nozzle, ¾-inch thread, each ..... .50
Misty Hose Nozzle, ¾-inch thread, each ..... .50
Myers' Power Nozzle, ½-inch thread, each 1.50
King Fog Nozzle, ½-inch, each 1.00
Brandt's Perfection Nozzle, each 1.00
Brass Extension Pipes, 18 inches long, each ..... .35
Brass Extension Pipes, 24 inches long, each ..... .50
Iron Extension Pipes, 48 inches long, each ..... .75
Bamboo Extension Pipes, ten foot long, each 3.00
Brass Elbows, ½-inch thread, each ..... .75
Brass Y's, ½-inch thread, each ..... .75

We carry a full stock of the different parts of most all sprayers listed; write us what you need.

Fountain Wave Lawn Sprinkler .....each, 75c; parcel post, 90c
Rainbow Lawn Sprinkler .....each, 50c; parcel post, 65c
Elgin Lawn Sprinkler .....each, 50c; parcel post, 70c
Auto Pop Nozzle .....each, $1.00; parcel post, $1.10

Hose Attachments.

Hose Reels—Wood frame, each .....$ .75
Cooper's Hose Menders—Brass, each ..... .10
Standard Hose Couplings—¾-inch, each ..... .15
Spray Hose Couplings—½-inch, each ..... .25
Spray Hose Bands—each, 5c; doz. ..... .30
Sherman Hose Clamps—Each ..... .05
Rubber Washers—¾-inch, 4 for ..... .05
Brass Bands—¾-inch, dozen ..... .30
Pliers for Putting on Bands—Each ..... .25
Spray Pump Hose—½-inch, without couplings, per foot.. .20
Sprinkling Hose—¾-inch, with couplings, per foot ..... .20
Hudson Hose Menders—per box ..... .75
(Includes bands, tubes and pliers.)
Hudson Hose Tubes—¾-inch, dozen ..... .50
Hudson Hose Bands—¾-inch, dozen ..... .30
Hudson Hose Pliers—Each ..... .25
Perfect Clinch Hose Menders—Each ..... .15
Perfect Clinch Hose Couplings—Pair ..... .50

Above prices do not include parcel post charges. If wanted by mail, add extra for stamps.

Planet, Jr., Implements.

The best tools on the market. On account of limited space we are unable to illustrate fully these splendid implements, but for the asking we will be pleased to mail a fully illustrated and descriptive catalogue. Quotations below are all f. o. b. Memphis.

Garden Drill and Hill Seeders.

Planet Jr. No. 1—Drill and wheel hoe .....$ 9.50
Planet Jr. No. 2—The best drill 7.50
Planet Jr. No. 3—Hill seeder 10.50
Planet Jr. No. 4—Hill and drill seeder 11.00
Planet Jr. No. 5—Large size seeder 13.00
Planet Jr. No. 28—Hill and drill seeder and cultivator... 15.00
Planet Jr. No. 29—Hill and drill seeder 11.50
Planet Jr. No. 25—Hill and drill seeder 13.50

Garden Wheel Hoes.

Planet Jr. No. 11—Double wheel hoe $9.00
Planet Jr. No. 12—Double wheel hoe 7.00
Planet Jr. No. 13—Double wheel hoe 4.75
Planet Jr. No. 16—Single wheel hoe 5.85
Planet Jr. No. 17—Single wheel hoe 5.00
Planet Jr. No. 18—Single wheel hoe 4.50
Planet Jr. No. 19—Garden Plow 3.50
Planet Jr. Firefly Hand Plow 2.25

Horse Hoes and Cultivators.

We offer these at following special prices to close them out:
Planet Jr. No. 8—Horse hoe without wheels $6.00
Planet Jr. No. 9—Horse hoe without wheels 4.50
Planet Jr. No. 9—Cultivator 4.50
Planet Jr. Twelve-tooth harrow, plain 5.00

Price list of Planet Jr. steels and extra parts on application.

Standard Line of Garden Tools.

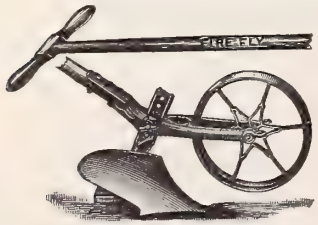
This is a new line of garden tools made in Iowa, which promises to take a leading place among the gardeners. They are invented by a practical garden man, and do remarkably good work in all kinds of garden operations. The line embraces about a dozen different garden tools, but we have chosen a few of the best ones to offer here. Send for descriptive circulars of Standard Tools.

No. 4 Standard Double and Single Wheel Hoe, Cultivator, Rake and Plow .....Price, $5.50
No. 12 Standard Single Wheel Hoe, Plow, Cultivator, Hill and Drill Seeder .....Price, $7.50
No. 14 Standard Hill and Drill Seeder complete....Price, $6.50
No. 22 Standard Single Wheel Hoe and Cultivator, Rake and Plow .....Price, $4.75

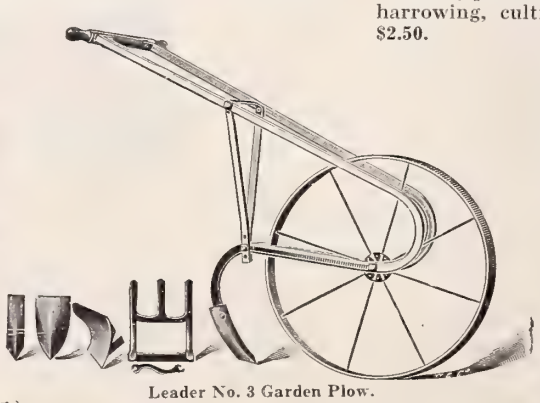
Hand Garden Plows.

The Leader No. 3—The most inexperienced and ignorant laborer on earth can handle this tool with entire success. All kinds of work can be done with this plow and combination of tools; plowing and breaking of the ground in spring and harrowing, cultivating, hilling and weeding. **Price, each, $2.50.**

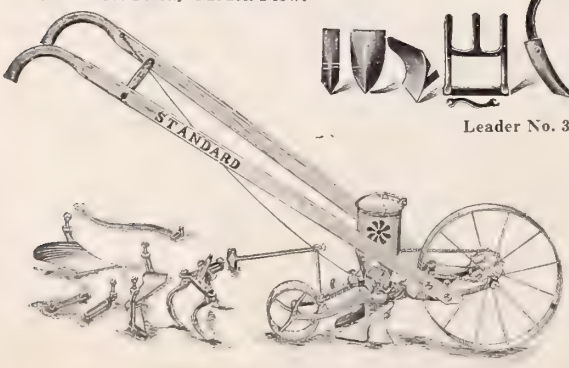
Columbia Garden Cultivator—A new model, easy-running, with bicycle wheels; strong, durable, and will do fine work. Can be raised or lowered to suit requirements or operator. Furnished with five pieces ½-inch bull tongue, one 3-inch shovel, one spreader, one mold-board, and one rake. Weight of tool complete, 20 lbs. **Price, each, f.o.b. Memphis, $3.00.**



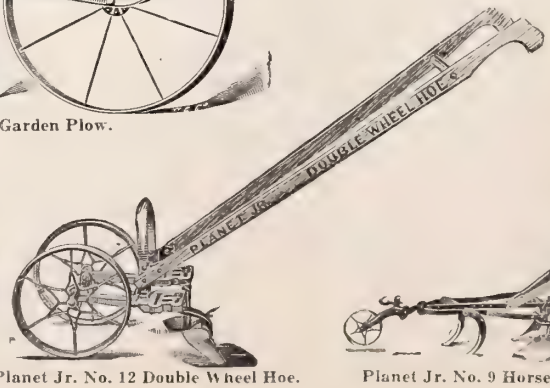
Planet Jr. Firefly Garden Plow.



Leader No. 3 Garden Plow.



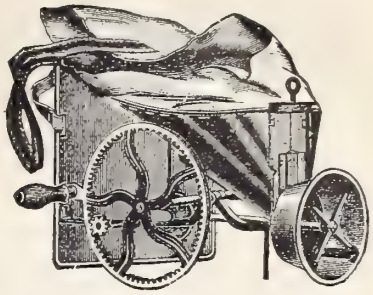
Standard No. 14 Hill and Drill Seeder.



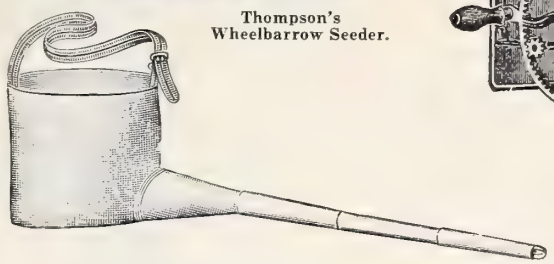
Planet Jr. No. 12 Double Wheel Hoe.

Planet Jr. No. 9 Horse Hoe and Cultivator.

Thompson's Wheelbarrow Seeder.



Cahoon Broadcast Seed Sower



Lightning Horn Seed Sower.

Seed Sowers.

Cahoon Broadcast Seeder—One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc., rapidly and evenly. **Price, each, $3.00; by parcel post, $3.30.**

Little Wonder Seed Sower—Simple, strong and practical. Especially recommended for sowing grass seed. **Price, each, $1.25; by parcel post, $1.50.**

Cyclone Seed Sower—Will sow timothy, clover, oats, rye, wheat, millet, grass seeds, peas, sorghum, etc. Distributes evenly, works perfectly; has an agitating feed plate, which insures a uniform flow of seed. **Price, each, $1.50; by parcel post, $1.70.**

The Lightning Horn Seeder—A splendid little tool, simple and easy to operate. Will sow any fine seed like clover, lespediza, timothy, alfalfa and grasses. Holding the tube downward wind won't blow seed away. We know this seeder to be good. **Price, $1.00; by parcel post, $1.10.**

Thompson's Wheelbarrow Seeders—Will sow clover and grass seed, either mixed or separate; graduated to sow in any quantity per acre. Twenty to thirty acres can be sown daily by using this machine. **Each, $8.50; f. o. b. Memphis.**

Columbia Seed Drill—A positive force feed machine; every seed is carried in to the ground and covered, not a seed can escape, nor can a seed pass through the machine when not in gear. They are the simplest, most certain and most complete planters in the world. The seed drops into cells or pockets on the cylinder where it is carried into the ground by revolution of the cylinders. These seeders can be furnished with or without fertilizer attachment, as follows:

No. 10, Plain Hand Seeder, price $10.50
No. 11, Hand Seeder, with Fertilizer attachment 14.00
No. 4, Seeder, with Horse attachment 13.50
No. 5, Seeder, with Horse attachment, sows 5 rows... 65.00

Write for circular and book on Seeds and Sowings, especially written for users of Columbia Seed Drills.

Eureka Seed Drill—This is an excellent low-priced, reliable seed drill. It has proved a "decided hit" for those who plant vegetables for home use. It weighs only 3 lbs., is a little beauty and will last many years. **Each, $1.00; by parcel post, $1.10.**

Miscellaneous Garden Tools

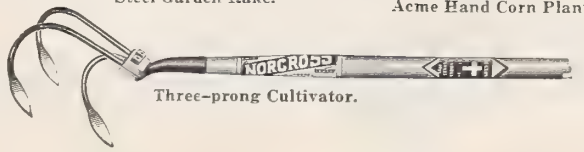
Our stock in this department is complete. On account of want of space, we are unable to list everything or describe those priced. Write us for what you want. Prices given do not include parcel post charges. If you wish any tools by parcel post, add extra funds for stamps.

Asparagus Buncher, Acme	each	$1.50
Asparagus Knife, Goodel	each	.75
Baskets, 1 bu., round stave	doz.	1.50
Baskets, ½ bu., round stave	doz.	1.50
Baskets, ¼ bu., market, split	doz.	.40
Baskets, ½ bu., market, split	doz.	.40
Basket Tops, for 1 bu. round basket	doz.	.60
Basket Tops, for ½ bu. market	doz.	.35
Baskets, galvanized wire, 1 bu.	each	.60
Corn Planters, two-hand, Acme	each	1.00
Corn Planters, one-hand, Segement	each	1.25
Corn Knives, hand	each	.50
Corn Shellers, hand, Red Chief	each	2.50
Corn Huskers, hand, Rex	each	.25
Calf Weaners, Shaw's Basket, small	each	.50
Calf Weaners, Shaw's Basket, medium	each	.55
Calf Weaners, Shaw's Basket, large	each	.60
Calf Weaners, Hoosier, prong	each	.50
Dibbers, Iron, for Transplanting	each	.50
Feed Cutters, Maryland	each	2.50
Fork, Transplanting, English Steel	each	.35
Fork, Transplanting, cast steel	each	.10
Garden Hoe, cast steel, 5-inch	each	.35
Garden Hoe, cast steel, 6-inch	each	.40
Garden Hoe, cast steel, 7-inch	each	.50
Garden Hoe, Planters', 6-inch	each	.40
Garden Hoe, Planters', 7-inch	each	.50
Garden Hoe, Planters', 8-inch	each	.60
Garden Hoes, detachable, triangle	each	.60
Garden Hoes, Onion, 1 prong	each	.25
Garden Hoes, Onion, 2 prong	each	.35
Garden Hoes, Onion, 3 prong	each	.50
Garden Hoes, Onion, Southern Queen	each	.60
Garden Hoes, Mattock, handled	each	.50
Garden Hoes, Dig Easy, double-edged	each	.50
Garden Set, Ladies', 3 pieces	set	1.25
Garden Rake, 12 teeth bow	each	.65
Garden Rake, 14 teeth bow	each	.75
Garden Rake, 12-tooth, stable	each	$1.00
Garden Rake, malleable, 12-tooth	each	.45
Garden Rake, malleable, 14-tooth	each	.55
Garden Reel, galvanized	each	1.00
Garden Cultivator, Norcross, 5-prong	each	.75
Garden Cultivator, Norcross, 3-prong	each	.50
Garden Cultivator, Norcross, Midget	each	.35
Grass Hooks, German steel	each	.30
Grass Hooks, Columbia	each	.40
Grass Hooks, Austrian steel	each	.40
Grass or Sheep Shears, Wilkinson's	each	1.00
Grass or Sheep Shears, 6-inch	each	$ .50
Hotbed Sash, 3x6, glazed	each	2.25
Hotbed Sash, Sunlight, dbl. glass,	each	4.50
Hay Fork, 3-prong, short handle,	each	.45
Hay Fork, 3-prong, long handle	each	.50

Steel Garden Hoe.

Steel Garden Rake.

Acme Hand Corn Planter.

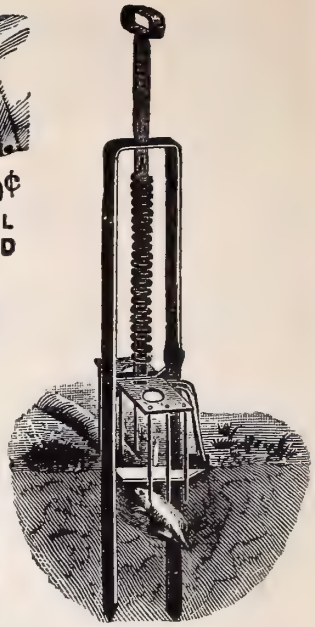


Three-prong Cultivator.

Miscellaneous Garden Tools.—Continued.

Hand Cabbage Cutter	each	$ .75
Hedge Shears, 5½-inch	each	.90
Hedge Shears, 6 -inch	each	1.00
Hedge Shears, 9 -inch	each	1.25
Hedge Shears, 10 -inch	each	1.50
Ladies' Garden Set, 3 pieces	set	1.25
Lawn Mowers, Electric, 14-inch	each	5.00
Lawn Mowers, Electric, 16-inch	each	5.50
Lawn Mowers, Norka, 12-inch	each	2.25
Lawn Mowers, Calumet, 12-inch	each	2.25
Lawn Rake, wood, Ole Olson	each	.50
Mole Trap, Reddick,	each	1.25
Manure Fork, 4-prong	each	1.00
Mills, Grinding, Black Hawk	each	3.00
Mills, Grinding, Stovers'	each	5.50
Mills, Grinding, Model, large	each	6.50
Measures, wooden, 1 qt.	each	.15
Measures, wooden, 2 qt.	each	.20
Measures, wooden, 4 qt.	each	.20
Measures, wooden, 1 pk.	each	.25
Pruners, Waters', 10-foot	each	1.50
Pruners, Favorite, Saw, 8-foot	each	1.50
Pruning Saw, Diston	each	.75
Pruning Saw, Chisel attached	each	1.00
Pruning Shears, 7-inch	each	.60
Pruning Knife, German steel	each	.75
Potato Planter, hand, Acme	each	1.00
Potato Hook, 4-prong	each	.85
Potato Hook, 5-prong	each	1.25
Plant Setters, Masters'	each	3.75
Peach Baskets, 1-gal.	per 100	1.50
Putty, English Glazing, 10-lb. can	each	1.25
Raffia, for Weaving Hank	each	.75
Root Cutter, Banner	each	3.00
Spades, Ames' Best	each	1.25
Spades, Bluff City	each	.85
Spading Fork, 4-prong	each	.75
Spading Fork, 5-prong, heavy	each	1.25
Spading Fork, 4-prong, long handle	each	.75
Scythe Blade, 30-inch Austrian steel	each	1.00
Scythe Blade, 32-inch Austrian steel	each	1.25
Scythe Blade, 24-inch Bush steel	each	.75
Scythe Handles	each	.75
Scythe Stones, Darby Creek	each	.10
Scythe Stones, English, oval	each	.15
Strawberry Boxes, K. D., Leslie	per 1000	4.00
Strawberry Boxes, American Style	per 1000	4.00
Strawberry Crates, K. D., Leslie	per 100	10.00
Strawberry Crates, American	per 100	15.00
Tomato Baskets, 1-gallon	per 100	1.50
Tomato Twine, Jute, 2-ply	per lb.	.20
Thermometers, Hot Bed	each	1.50
Thermometers, Standard, Weather	each	.35
Trowels, Austrian steel, 6-inch	each	.35
Trowels, English steel, 7-inch	each	.75
Trowels, Cast steel	each	.25
Trowels, Long-handled, Austrian	each	.50
Trowels, Cleve's Angular	each	.35
Trowels, Ladies' Floral	each	.25

Garden Spade.



Reddick Mole Trap.

Trowels, Transplanting	each	$ .35
Tree Protectors, Veneer	per 100	1.50
Weeder, short, hand	each	.15
Weeders, Excelsior, hand	each	.25
Weeders, Eureka, hand	each	.50
Weeders, Lang's, hand	each	.25
Weeders, Hazeltine, hand	each	.25
Weeders, Long Handle, Fork	each	.50
Weeders, Combination, hand	each	.50
Weeders, Magic, hand	each	.50
Weeders, Cleveland's Lawn	each	.75
Weeders, Norcross, Midget	each	.35
Weeders, Finch, Lawn Edging	each	.75
Wire Horse Muzzle, each, 15c	doz.	1.50
Wire Hen's Nest, each, 20c	doz.	2.00

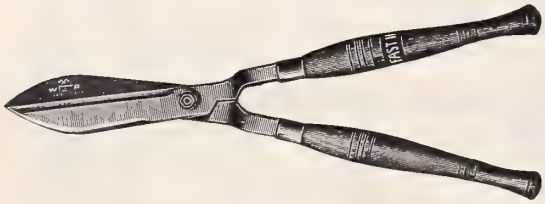
NOTICE.—Any small tools can be forwarded by parcel post. If you wish them sent in that manner, send extra money to cover stamps, as above prices are all f. o. b. Memphis.

Otto Schwill & Co., Memphis, Tenn.

Dear Sirs:—Enclosed you will find a small order for more of your seed. We received the garden seed that we ordered of you and have planted some of them, and I must say that I never had a better stand.

Thanking you for the free seed that you sent me, I am, Very respectfully,

Veto, Miss. MRS. F. J. HERRING.



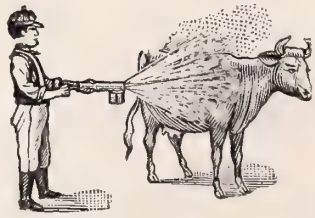
Hedge Pruning Shears.

Short Hand Weeder.

Excelsior Hand Weeder.

Acme Hand Potato Planter.

Germo Insecticide and Lice Killer.



This is an effective preparation that will kill lice on poultry, horses, cattle, swine, plants, ticks on sheep, fleas on dogs, and moths in carpets and furs. Will not stain the most delicate article, a splendid disinfectant and vermin destroyer for all household purposes.

Qt., 40c; ½ gal., 75c; 1 gal., $1.25; 5 gal. can, $6.00.

Long Handle Weeding Fork.

Five-Prong Spading Fork.

Wire Hanging Baskets and Plant Stands, Flower Pots, Etc.

Standard Flower Pots.
(Without Saucers)

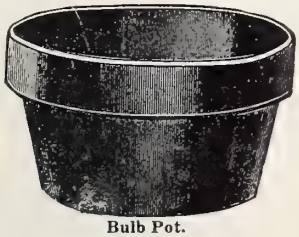
2½ inch, doz.	$ .20
3 inch, doz.	.25
4 inch, doz.	.35
5 inch, doz.	.50
6 inch, each, 7c; doz.	.75
7 inch, each, 10c; doz.	1.00
8 inch, each, 15c; doz.	1.50
9 inch, each, 20c; doz.	1.75
10 inch, each	.25
12 inch, each	.50
13 inch, each	.75
14 inch, each	1.25
16 inch, each	1.75
18 inch, each	2.25

Standard Flower Pot.

Neponset Paper Pot.

Flower Pot Saucers.

3 inch, doz.	$ .20
4 inch, doz.	.25
5 inch, doz.	.30
6 inch, doz.	.40
7 inch, doz.	.60
8 inch, doz.	.75
9 inch, doz.	1.25
10 inch, doz.	1.50
12 inch, doz.	2.40
15 inch, doz.	3.60

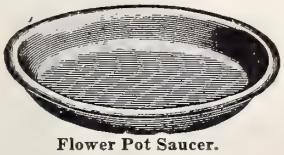

Bulb Pot.

Bulb Pots.

6 inch, each	$ .15
7 inch, each	.20
8 inch, each	.25
10 inch, each	.30
12 inch, each	.40
14 inch, each	.50

Azalea Pots.

5 inch, doz.	$ .75
6 inch, doz.	1.00
7 inch, each, 15c; doz.	1.25
8 inch, each, 20c; doz.	1.75
9 inch, each, 25c; doz.	2.00
10 inch, each, 25c; doz.	3.00
12 inch, each, 50c; doz.	5.00


Flower Pot Saucer.

Fern Pans.

4¾ inch, each	$ .10
5½ inch, each	.15
6¼ inch, each	.20
8 inch, each	.25
10 inch, each	.30

Neponset Paper Flower Pots.

2½ inch, per 100, $ .50; parcel post. $ .70
3 inch, per 100, .75; parcel post. 1.00
4 inch, per 100, 1.25; parcel post. 1.50
1,000 lots at 10c per 100 less.

No. 4 Half-Round Wire Plant Stand.

Wire Plant Stands.

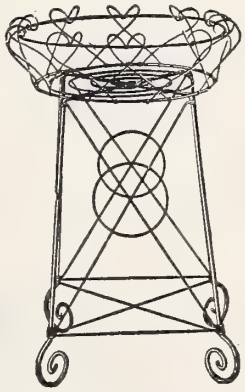
These are convenient, and make a handsome effect when filled with plants.

No. 4 Half Round—This is one of our most attractive stands; holds about 30 pots; is 48 inches wide, 31 inches deep. **Each, $4.50.**

No. F-5 Half Round—Same as above, but has arch and hanging basket. The stand and arch is 6 ft. 4 in. high. A beautiful wire stand. **Price, $5.50.**

No. F-6—Square stand with 3 shelves, 3 ft., 3 in. long. **Price, each, $5.00.**

Wire Hanging Basket.


Single Pot Stand.

Single Pot Stands.

Especially for specimen plants. Very strong; 12 inches in diameter; 19 inches high to shelf. **Each, $1.00; 6 for $5.40. By parcel post, each, $1.35.**

SPECIAL NOTICE.

All prices in this Catalogue are subject to change following the fluctuations of the market. Few changes, however, are to be expected. We will hold all quotations as long as possible.

Wire Window Shelf.

A serviceable shelf for little money. Easily attached to window frame with two screw eyes. Made in two sizes.

33 in. long, 8 in. wide, each ..... $ .90
By parcel post, each 1.20
36 in. long, 8 in. wide, each 1.00
By parcel post, each 1.35

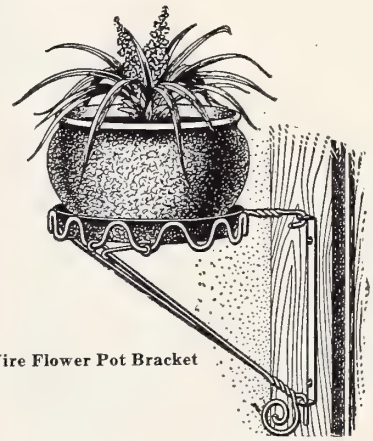
Wire Hanging Basket.

		Par. Post
8 inch, each	$ .15	$ .30
10 inch, each	.25	.45
12 inch, each	.35	.55
15 inch, each	.50	.75

Cemetery Vase.

A rich brown glazed vase for cemetery use, glazed both inside and outside, supplies a long-felt want.

		Par. Post
No. 1, 3½x10 in., each	$ .35	$ .50
No. 2, 4 x12 in., each	.40	.60
Unglazed, 4-in. Cemetery Vase, each	.10	.25


Wire Flower Pot Bracket

Wire Flower Pot Bracket.

Very neat and attractive in appearance. Made of steel wire and tinned after being made. Very strong. Easily put up and instantly removed. Made in two sizes.

5½ in. in diameter, each 15c; doz., $1.50; by parcel post, each, 20c.
6½ in. in diameter, each 15c; doz., $1.60; by parcel post, each, 20c.

Wooden Plant Tubs.

Well made with wire hoops.

No. 1, 10¾ in. wide, each, $1.00; by parcel post, $1.40.
No. 2, 13 in. wide, each, $1.50; by parcel post, $1.95.

Terra Cotta Hanging Baskets.

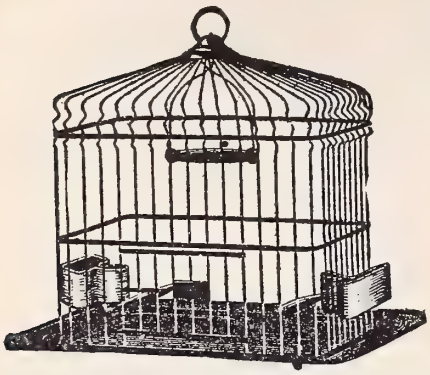
7 inch Basket	$ .15
8 inch Basket	.25
9 inch Basket	.30
10 inch Basket	.35

Brass Chains for hanging, 5c per running foot.

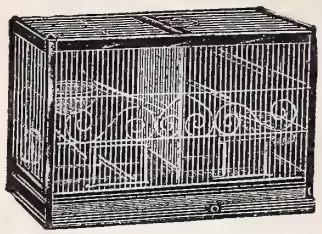
Wire Window Shelf.

Prices on Flower Pots are packed f. o. b. Memphis. We cannot send them by parcel post excepting where noted.

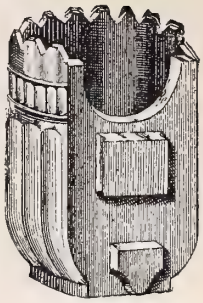
Bird Cages and Bird Supplies



Brass Canary Bird Cage.



Metal Breeding Cage.



Bird Cage Seed or Water Cup.

No. 6½ Fancy Round Cage with Seed Guard.

Brass Canary Bird Cages.

No. 5000 Brass Cage, 8¼x5½-in., each $1.00
No. 5000 DB Brass Cage, 8¼x5½-in., each 1.35
No. 5004 Brass Cage, 9⅝x6½-in., each 1.35
No. 5004 DB Brass Cage, 9⅝x6½-in., each 1.70
No. 5006 Brass Cage, 10⅜x7⅛-in., each 1.60
No. 5006 DB Brass Cage, 10⅜x7⅛-in., each 2.00
No. 5008 Brass Cage, 10¾x7¾-in., each 1.90
No. 5008 DB Brass Cage, 10¾x7¾-in., each 2.30
No. 6040, Brass Bungalow Cage, each 5.00
No. 8020, Brass Bungalow Square Cage, each 5.00
No. 2583, Brass Chinese, Square, with guard, each 6.00
No. 9000, Brass Colonial, Square, with guard, each 7.00
No. 275, Brass Round Cage, with guard, each 3.50

If wanted by parcel post, add 35c each for packing and postage.

All cages marked DB have removable bottom for cleaning cage.

Japanned Canary Bird Cages.

No. 165, New Style Japanned Cage, 9½x6½ ins. ..... $ .75
No. 165, DB New Style Japanned Cage, 9½x6½ ins. 1.00
No. 166, New Style Japanned Cage, 10 x7 ins. 1.10
No. 166, DB New Style Japanned Cage, 10 x7 ins. 1.35
No. 167, New Style Japanned Cage, 11 x7½ ins. 1.20
No. 167, DB New Style Japanned Cage, 11 x7½ ins. 1.40
No. 231, White Enamel Cage, 9¾x6¾ ins. 1.50
No. 232, White Enamel Cage, 10½x7 ins. 1.85
No. 233, White Enamel Cage, 11 x7½ ins. 2.00
No. 6½, Fancy Round Cage, with seed guard 2.00
No. 86, Metal Breeding Cage, 20x10x14 ins. 2.40
No. 87, Metal Breeding Cage, 22x11x15 ins. 2.60
No. 88, Metal Breeding Cage, 24x12x16 ins. 3.00

If wanted by parcel post, add 35c each for packing and postage.

Guards for Canary Bird Cages.

Small, all Brass, for square cages, per set ..... $ .50
Large, all Brass, for square cages, per set ..... .60
Brass Guards for Round Parrot Cages, each 1.00
Cups for Parrot Cages, each ..... .35

By parcel post, add 10c to above price.

Bird Cage Stands.

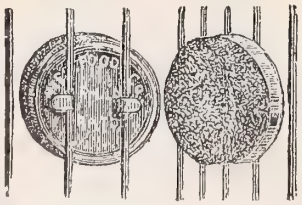
All iron; a very useful stand for hanging your bird. **Price, each, $3.00.**

Outside Bird Bath Houses.

Fits outside cage and does not permit bird to wet cage when bathing. **Each, 35c. Price, by parcel post, 45c.**

Gravel Paper.

For the bottom of bird cages; 7½x10 inches; will fit all oblong Canary Cages. **Per box, 12 sheets, 15c; by parcel post, 25c.**



Showing How to Use Philadelphia Bird Manna.

Brass Spring and Chain for Bird Cage

Bird Seed.

Canary Seed, plain ..... 1 lb., 15c; parcel post, $ .25
Canary Seed, mixed, ... 1 lb., 15c; parcel post, .25
Hemp Seed ..... 1 lb., 10c; parcel post, .20
Millet Seed ..... 1 lb., 10c; parcel post, .17
Rape Seed ..... 1 lb., 15c; parcel post, .25
Sunflower Seed ..... 1 lb., 15c; parcel post, .25
Spratt's Parrot Food ..... pkg., 10c; parcel post, .20
Mocking Bird Food, Defiance ..... box, 25c; parcel post, .35
Mocking Bird Food, Phil. ..... jar, 25c; parcel post, .35
Cuttle Fish Bone, 2 for 5c ..... 1 lb., 50c; parcel post, .60
Cuttle Fish Bone, with holders, ... each, 10c; parcel post, .12

Philadelphia Bird Food.

These are all especially prepared for birds, and are of the very best quality. Our stocks are complete at all times, so your order can be filled prompt.

Phil. Bird Manna—The best tonic for Canaries; keeps them in good condition; helps moulting. **Each, 15c; 2 for 25c, parcel post paid.**

Phil. Mixed Canary Seed ..... pt. box, 15c; parcel post, $ .25
Phil. Sicily Canary Seed ..... pt. box, 15c; parcel post, .25
Phil. Silver Gravel ..... pt. box, 10c; parcel post, .20
Phil. Red Gravel ..... pt. box, 10c; parcel post, .20
Phil. Parrot Food ..... pt. box, 15c; parcel post, .25
Phil. Mocking Bird Food ..... pt. jar, 25c; parcel post, .35
Phil. Parrot Tablets ..... box, 25c; parcel post, .30
Phil. Bird Bitters ..... bottle, 25c; parcel post, .30
Phil. Bird Eye Water ..... bottle, 25c; parcel post, .30
Phil. Bird Mite Exterminator ..... box, 25c; parcel post, .30
Phil. Bird Moulting Pepper ..... box, 25c; parcel post, .30
Phil. Color Food for Canaries ..... box, 25c; parcel post, .30
Phil. Mexican Bird Salve ..... box, 25c; parcel post, .30
Phil. German Song Restorer ..... box, 25c; parcel post, .30
Phil. Fanciers' Dog Soap ..... cake, 25c; parcel post, .30
Phil. Fanciers' Flea Wash ..... bottle, 25c; parcel post, .35
Phil. Bird Nestling Food ..... box, 25c; parcel post, .30
Phil. Bird Nesting Hair ..... box, 5c; parcel post, .10
Phil. Bird Hand Book ..... each, 15c; parcel post, .15

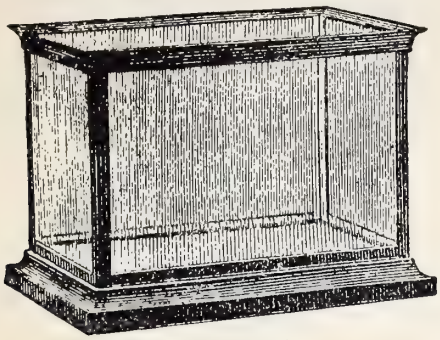
Miscellaneous Bird Supplies.

Bird Cage Seed Cups, Opal ..... each, 10c; parcel post, $ .15
Bird Cage Seed Cups, Glass ..... each, 10c; parcel post, .15
Bird Cage Seed Cups, Hendryx .... each, 10c; parcel post, .15
Bird Cage Bath Cups ..... each, 10c; parcel post, .15
Bird Cage Gravel Anchor Box ..... each, 10c; parcel post, .20
Bird Cage Brackets, brass, 8-in. ... each, 15c; parcel post, .20
Bird Cage Brackets, brass, 12-in. ... each, 25c; parcel post, .30
Bird Cage Brass Springs ..... each, 10c; parcel post, .12
Bird Cage Brass Chain with springs, each, 25c; parcel post, .30
Bird Cage Nests, Wire ..... each, 10c; parcel post, .15
Sterlingworth Bird Tablets ..... each, 25c; parcel post, .30
Sterlingworth Bird Song Restorer .. each, 10c; parcel post, .15
Lindemann's Asthma Cure ..... each, 25c; parcel post, .30
Lindemann's Egg Food ..... each, 25c; parcel post, .30

Aquariums and Gold Fish, Supplies

Aquariums.

Ideal Slate Bottom Aquariums, 3½ gallons	$3.50
Ideal Slate Bottom Aquariums, 6 gallons	4.50
Ideal Slate Bottom Aquariums, 9 gallons	5.50



Slate Bottom Aquarium.

Gold Fish Bowls.

Glass Bowls—Made of clear glass, in following sizes—

1 Pint, each	$ .15
1 Quart, each	.25
2 Quarts, each	.35
4 Quarts, each	.60
6 Quarts, each	.75
2 Gallons, each	1.00
3 Gallons, each	1.50

These cannot be sent by parcel post, they must go by freight or express, at buyer's expense.

Gold Fish Bowl.

Footed or Standing Fish Globes.

These are raised up on a glass base and are handsomer than the ordinary fish globe.

1 gallon size, each	$1.25
2 gallon size, each	2.25
3 gallon size, each	3.00

Prices are packed f.o.b. Memphis.

Aquarium Castles.

No. 1, Open Castle, each	$ .40
No. 2, Round Grotto, each	.40
No. 3, German Castle, each	.25
No. 4, Plain Grotto, each	.25

Other small ornaments at 25c each.

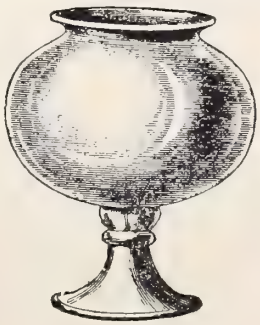
Miscellaneous Ornaments.

Majolica Frogs, each	$ .25
Majolica Turtles, each	.25

Fish Food, Etc.

Aquarium Cement, per can	$ .50
Aquarium Nets, each	.15
Natural Fish Food, pkg.	.10
Wafer Fish Food, pkg.	.10
Fish Buckets or Pails, quart, each	.10
Gravel, per quart	.25
Sea Shells, per quart	.50
Sea Shells, per half-pint box	.10

If wanted by mail, always send extra stamps to the amount of 10 cents for postage.



Footed or Standing Fish Globe.

Farm and Garden Books.

These books are both useful and helpful to amateurs as well as gardeners. Most of them are fully illustrated. Profit by the experience of others. Sent by parcel post on receipt of price.

American Farm Book—By A. L. Allen	$2.00
Alfalfa—Its Growth, Uses, Etc.—F. D. Coburn	.50
Asparagus—F. M. Hexamar	.50
Broom Corn and Brooms	.50
Barn Plans and Outbuildings	1.00
Cabbage and Cauliflower	.35
Celery Culture	.50
Clovers and How to Grow Them—Shaw	1.00
Farm Drainage—French	1.00
Farm Manures—C. E. Thorne	1.50
Feeding Farm Animals	2.00
Fertilizers, Rural Science Series	1.50
First Lesson in Bee Keeping	.50
Gardening for Profit—Henderson	1.50
Ginseng Culture—McKains	.50
Gregory on Onion Raising—J. J. H. Gregory	.30
Insects and Insecticides—C. M. Weed	1.50
Peach Culture—Hon. J. Alexander Fulton	1.50
Play and Profit in My Garden—E. P. Roe	1.50
Potato Growing—By E. A. Rogers	.50
Practical Floriculture—Henderson	1.50
School Agriculture	.90
Silos, Ensilage and Silage—Miles	.50
Soils and Crops—T. F. Hunt	1.50
Spraying Crops and Plants	.50
Study of Corn—Shoesmith	.50
The Peanut Plant—Its Cultivation and Uses	.50
The Principles of Fruit Growing—L. H. Bailey	2.00
Truck Farming at the South—A. Oemler	1.50
The New American Farm Book	1.50
Tomato Culture—J. W. Day	.35
The American Peach Orchard—F. A. Waugh	1.00
The Young Farmer—Some Things He Should Know—Hunt	1.50

Books for Poultry Raising.

Sent by parcel post on receipt of price.

These books are both helpful and useful to the amateur. Profit by experience of others.

Artificial Incubating and Brooding—How to hatch and rear chicks, 92 pages. Price	$ .50
All About Broilers—M. K. Boyer	.50
Chick Book	.50
Campines—By F. L. Platt	.75
Don't Kill the Laying Hen—Potter	1.00
Ducks and Geese—80 pages	.50
Eggs and Egg Farms	.50
Fancier's Hand Book on Birds, each	.25
How to Grow Chicks—McGrew	.25
Japanese Gold Fish	1.50
Pigeons, and All About Them—Gilbert	1.00
Poultry Architecture—Touches on all branches of poultry raising	1.00
Poultry Houses and Fixtures	.50
Pocket Money Poultry—Noys	.50
Rabbit Culture and Official Standard	1.00
Reliable Poultry Manual and Doctor	.50
Rhode Island Reds—By Sewell	.75
Successful Poultry Keeping	1.00
The Egg Question Solved—McGrew	.25
The Feathers Up-to-Date Poultry House—Howard	.25
The Bantam Fowl—By McGrew	.50
The Leghorns—By Sewell	1.00
The Orpingtons—By Deverenstedt	.75
The Plymouth Rocks—By Deverenstedt	1.00
The Wyandottes—By Sewell	1.00
Turkeys—Their Care and Management—Sewell	.75
Turkeys, Ducks and Geese—Hewes	.50

Subscribe for the
RELIABLE POULTRY JOURNAL
Price, 50c for One Year.
The foremost magazine devoted to better poultry and more of it. Send your subscription now to
OTTO SCHWILL & CO., Memphis, Tenn.
Exclusive Agents for this county.

Bee Hives and Supplies

We carry a full line of the celebrated Lewis Bee Ware, manufactured by the G. B. Lewis Company, Watertown, Wisconsin, and furnish everything at factory prices, saving you freight and time. The following prices are f.o.b. Memphis.

We have endeavored to list all of the principal articles necessary for use in the apiary, but if you desire something which is not shown, please write us and we can furnish it at as low a price as any one.

One and One-Half Story Dovetailed Bee Hive.

One and One-Half and Two-Story Hives.

For Comb Honey.

Including Section Boxes and Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame	$2.70	$12.05	$23.70
1½ Story, 10 Frame	2.95	12.10	25.80
2 Story, 8 Frame	3.60	16.05	31.60
2 Story, 10 Frame	3.95	17.50	34.30

One and One-Half and Two-Story Hives.

For Comb Honey.

Not Including Section Boxes or Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1½ Story, 8 Frame	$2.35	$10.55	$20.70
1½ Story, 10 Frame	2.55	11.55	22.60
2 Story, 8 Frame	3.00	13.30	26.10
2 Story, 10 Frame	3.25	14.55	28.50

NOTE.—Hives for Comb Honey are always sent unless otherwise specified.

One-Story Hives.

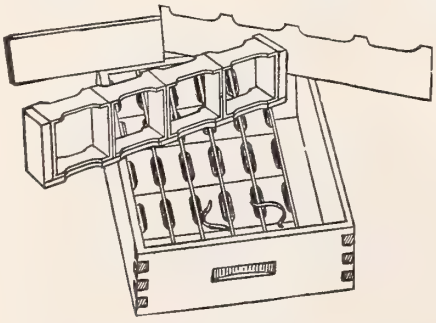
Including Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1 Story, 8 Frame	$1.80	$8.05	$15.80
1 Story, 10 Frame	1.95	8.80	17.30

One-Story Hives.

Not Including Foundation Starters.

In Flat, including Nails.	1 Hive	5 Hives	10 Hives
1 Story, 8 Frame	$1.70	$7.80	$15.30
1 Story, 10 Frame	1.85	8.55	16.70



No. 1 Regular Dovetailed Super.

Dovetailed Comb Honey Supers.

The following prices are for No. 1 or Beeway Supers. **No. 2 or Plain Supers, and No. 4 or Four by Five Supers cost 5c each extra.**

Including Section Boxes and Foundation Starters.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	$ .90	$4.00	$7.90
10 Frame	1.00	4.35	8.50

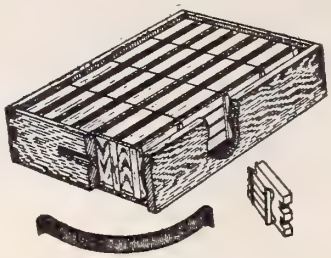
Dovetailed Comb Honey Supers.

Not Including Section Boxes or Foundation Starters.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	$. 65	$2.75	$5.40
10 Frame	.70	3.00	5.90

Empty Supers.

In Flat, including Nails.	1 Super	5 Supers	10 Supers
8 Frame	$ .33	$1.50	$2.90
10 Frame	.35	1.55	3.00



No. 2 Plain Super.

Dovetailed Bodies.

When extra Bodies are wanted, the prices are as follows, including Brood Frames and Division Board and Metal Rabbets—

In Flat, including Nails.	1 Body	5 Bodies	10 Bodies
8 Frame	$1.00	$4.50	$8.80
10 Frame	1.10	5.00	9.80

Bottoms for Dovetailed Hives.

The Reversible Bottom.

In Flat, including Nails.	1 Bottom	5 Bottoms	10 Bot's
8 Frame	$ .30	$1.40	$2.70
10 Frame	.32	1.50	2.90

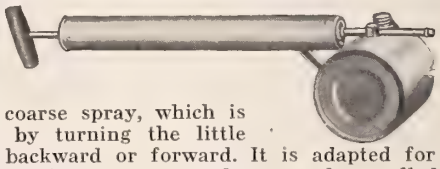
Covers for Hives.

In Flat, including Nails.	1 Cover	5 Covers	10 Covers
8 Frame, Excelsior	$ .40	$1.90	$3.80
10 Frame, Excelsior	.43	2.05	4.10

Hive Stands.

In Flat, including Nails.	1 Stand	5 Stands	10 Stands
8 Frame	$ .17	$ .75	$1.50
10 Frame	.17	.75	1.50

The Lowell Continuous Sprayer.



This new Compressed Air Sprayer throws a continuous fine mist or coarse spray, which is accomplished by turning the little brass nozzle backward or forward. It is adapted for all kinds of spraying purposes, and can not be excelled for killing potato bugs, using paris green and water, as well as for spraying all kinds of vegetable plants, shrubbery, grape vines, etc. **Quart size, each, 75c. By parcel post, $1.00.**

How To Remit.

Send money by registered letter, post office money order, express money order, stamps or N. Y. Exchange. Do not send personal checks, as our banks charge 10c for collecting the latter, therefore, causing some delay. Only certified checks plus 10c for collecting will be accepted in payment of goods.

Countess Spencer Sweet Peas.

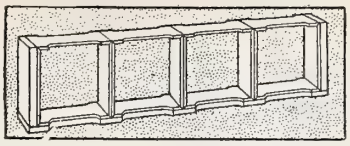
The original purest pink Spencer. A beautiful shade, surpassing any other variety, of beautiful form and substance. Unusually attractive. **Packet, 5c; ounce 25c; 2 ounces, 40c; ¼ lb., 75c; 1 lb., $3.00, parcel post paid.**

Section Boxes.

We carry the following sizes in stock, all No. 1 grade. 4¼x1⅞, 2-Beeway—4¼x1½, Plain. 4x5x1⅜, Plain—3⅝x5x1½, Plain.

Prices as follows.

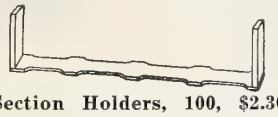
100	$ .85
250	1.75
500	3.00
1000	5.75
2000	11.00
3000	15.75
4000	21.00
5000	25.00



Regular Two Beeway Section Boxes.

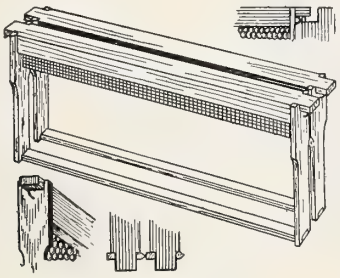
Plain sections, 25c per 1000 less.
By parcel post, add 25c per 100 for postage.

Section Holders.



Prices—Slotted Section Holders, 100, $2.30; Plain Section Holders, 100, $2.00.

Brood Frames.



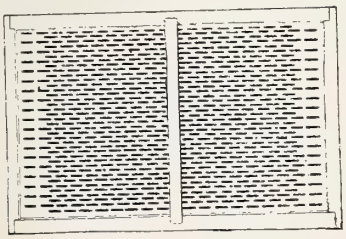
Self-Spacing Hoffman Frame.

Prices in Flat, including Nails, 10 Frames, 40c; 100 Frames, $3.50.

Shallow Extracting Frames.

Prices in Flat, including Nails, 10 Frames, 30c; 100 Frames, $2.70.

Queen Excluding Honey Boards.



Wood Bound Zinc Board.

Prices as follows:	One	Ten
For 8 Frame Hive	$0.25	$2.20
For 10 Frame Hive	.29	2.40

Unbound Zinc Board.

Prices as follows:	One	Ten
8 Frame, 12x19⅛	$0.22	$1.60
10 Frame, 14x19⅛	.25	1.80

Wood and Wire Boards.

Prices as follows:	One	Ten
8 Frame, 13⅞x20	$0.40	$3.00
10 Frame, 16 x20	.45	3.50

By parcel post, add 15c each for postage.

Plain Division Boards.

In Flat, 8c each; 5 for 35c; 10 for 70c.

Section Slats.

Slotted Section Slats, ⅜ thick, per 100 ..... $1.25
Slotted Section Slats, ¼ thick, per 100 ..... 1.15
Plain Section Slats, per 100 ..... 1.15

Wood Separators.

Price—Slotted Sawed Wood Separators, 100, $1.20; Plain Sawed Wood Separators, 100, $1.00. Used in No. 1 Super.

Fence Separators.

Prices, any style, 100, $2.30.

No. 2 or P Fence—Used in No. 2 or plain super, with plain section holders and plain 4¼x4¼x1½ sections.

S Fence—Used with plain 4¼x4¼ sections in slotted section holders.

Lewis Section Former.

Price, each, $1.15.

For 4¼x4¼ sections only. This is a simple device for folding together sections. If you do not use a large quantity of sections, this is the best former on the market and the price is low.

Lewis Foundation Fastener.

Price, each, $1.15; by parcel post, $1.40.

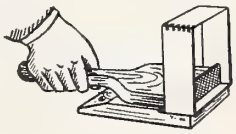
Without doubt the simplest and best device for the purpose ever offered to the bee keeper.

Daisy Foundation Fastener.

Price, with lamp ..... $1.25; by parcel post, $1.50
Price, without lamp ..... 1.00; by parcel post, 1.25

Weight, without lamp, 5 pounds.

Parker Foundation Fastener.



Price, each ..... 35c; by mail, 45c

West's Queen Cell Protector.

Prices, each, 5c; 10, 40c; 100, $3.50. Postage 1c each extra.
Spiral Cages, each, 10c; 10, 70c; 100 $6.00. Postage 1c each extra.

Spur Wire Imbedder ..... each, 20c; by mail, 30c
Van Deusen Wax Tube Fastener ..... each, 25c; by mail, 30c

The German Bee Brush ..... each, 25c; by mail 30c
The Dixie Bee Brush ..... each, 15c; by mail, 20c

Price List Metal Parts for Hives.

T tins, 14 in. long or under ..... per 100, $1.20
T tins, over 14 in. and to 16 in. ..... per 100, 1.40
Flat tins, 14 in. long or under ..... per 100, .50

Tin rabbets same price as T tins.

Bee Entrance Guard—Perforated zinc style. **Each, 20c; 10, $1.80. By mail, 5c each extra.**

Doolittle Division Board Feeder—Price, flat, 25c each; 10 for $2.30. By parcel post, 10c each extra.

Miller Feeder—Set up. **Price, 45c each; 10 for $4.20. By parcel post, 60c each.**

Super Springs—Price of extra springs, 1c each; 75c per 100; $6.00 per 1000.

Frame Spacing Staples—Per lb., 15c; 5 lbs. for 65c. By parcel post, add 10c per lb.

Hive Hooks—With screws, per pair, 4c; 10 pairs, 25c. No screws, 10 pairs, 20c. By mail, 2c per pair extra.

Price List of Tinned Wire.

¼ lb. Spools ..... each, $0.12; postage paid, $0.20
½ lb. Spools ..... each, .18; postage paid, .30
1 lb. Spools ..... each, .30; postage paid, .40
5 lb. coils ..... each, 1.10; postage paid, 1.30

Honey Knives.

Bingham's Uncapping Knife—Standard length, each, 70c. By mail, 80c. Extra long, each, 80c. By mail, 90c.

Nickeled Hive Tool—A handy tool to use as a scraper or pry. Price, 40c; by mail, 50c.

Honey Extractors.

No. 5, Novice	each, $ 9.50
No. 15, Cowan	each, 13.00
No. 25, Automatic	each, 28.00

Alley's Queen and Drone Traps.

Perforated Zinc Style.

Each ..... 50c; 10, $4.50. By mail, 10c each extra

Woven Wire Style.

Each ..... 55c; 10, $5.00. By mail, 15c each extra

The Carlin Foundation Cutter.

Price, each ..... 15c; by mail, 20c

Handy Section Press.

Price, each ..... 50c; by mail, 65c

Hive Scrapers.

Price, each ..... 15c; by mail, 20c

Porter Bee Escape.

Price, each ..... 15c; $1.65 per dozen, postpaid

Porter Escapes for Honey Houses.

Price, each ..... 20c; $2.25 per dozen, postpaid

Bee Escapes With Board.

Price, each ..... 30c; or 10 for $2.70

Manum's Swarm Catcher.

Price ..... each, with pole, $1.50; without pole, $1.10

Comb Honey Shipping Cases.

Regular Style.

In ordering, give full description as below.

In Flat, With Nails, With 2-inch Glass.	10	100
24-lb., for 4¼x1⅞ sections	$2.20	$20.00
24-lb., for 4¼x1½ sections	2.10	19.00
24-lb., for 4x5x1⅜ sections	2.00	18.00
24-lb., for 3⅝x5x1½ sections	2.00	18.00

Comb Honey Shipping Cases.

New Safety Style.

Complete in the flat, including nails, 2-inch glass, Safety Cartons, corrugated paper lining and paper for bottom.

Size—Sections.	10	100
24-lb., for 4¼x1⅞	$3.00	$28.00
24-lb., for 4¼x1½	2.90	27.00
24-lb., for 4x5x1⅜	2.90	27.00

Safety Cartons—For any above sizes Comb Honey Shipping Cases, 120 for 45c; 1,200 for $4.20.

Write for Special Bee Supply Catalogue.

Bee Smokers.

Clark Smokers.

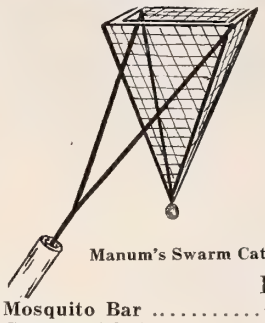
Price, each ..... 55c; 3 for $1.50. Postage, 15c each extra

Bingham Smokers.

Name.	Size of Barrel.	Each.	By mail
Doctor	3½-in.	$ .85	$1.00
Conqueror	3 -in.	.75	.90
Little Wonder	2½-in.	.50	.65
Smoke Engine	4 -in.	1.25	1.40

The Corneil Smoker.	Each.	By mail
Jumbo Corneil	$1.25	$1.40
Standard Corneil	.85	1.00
Junior Corneil	.65	.80

Porter Bee Escape.



Manum's Swarm Catcher.

Canvas Bee Glove.

Bee Veils.

Mosquito Bar	each, $ .30
Cotton with Silk Face	each, .60
All Cotton	each, .50
All Silk	each, 90

By mail, 10c extra.

Globe Bee Veil—Sent by mail for $1.00. Extra nets, 60c each.

Bee Gloves.

Bee Gloves—Canvas, large, medium or small. Per pair, 50c; by mail, 60c.

Bee Hat.

Bee Hat—With flexible rim. Each, 30c. By mail, 45c.

Fine Cement-Coated Wire Finish Nails, in Bulk.

Style.	Length.	1 lb.	5 lbs.	10 lbs.
4d,	1½-inch	$ .07	$ .30	$ .60
6d,	2 -inch	.07	.28	.55
8d,	2½-inch	.07	.28	.55

Price List of Comb Foundation.

	In Lots of 1 lb. Per lb.	5 lbs. Per lb.	10 lbs. Per lb.	25 lbs. Per lb.
Medium Brood	$ .62	$ .60	$ .58	$ .56
Light Brood	.64	.62	.60	.58
Thin Surplus	.69	.67	.65	.63
Extra Thin Surplus	.72	.70	.68	.66

Foundations by mail, 10c per lb. additional for postage.

Size and Sheets per pound.

Medium Brood	size 16½x7¾, Sheets 7 to 8
Light Brood	size 16½x7¾, Sheets 9 to 10
Thin Surplus	size 16½x3¾, Sheets 28
Extra Thin Surplus	size 16½x3¾, Sheets 32

Soap That Will Remove Propolis.

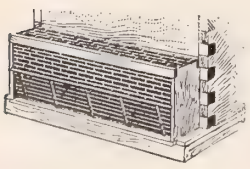
Lava Soap, price per cake ..... 5c; by mail, 6c extra

Bee Books.

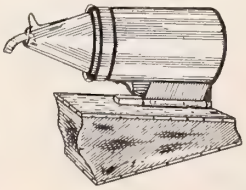
The A B C and X Y Z of Bee Culture—Price, $1.75; by parcel post, $2.00.

The latest edition. This book has just been thoroughly revised. More matter has been added, so that it is now a veritable cyclopedia of bee keeping, containing nearly 600 pages.

Langstroth on Honey Bees	price, $1.00
First Lessons in Bee Keeping	price, .50

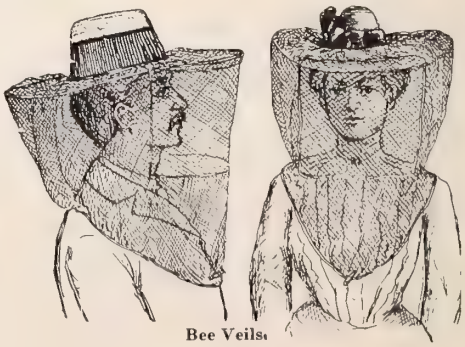


Alley Queen and Drone Trap.



Clark Bee Smoker.

The Carlin Foundation Cutter.



Bee Veils.

Nursery Department

Strawberry Plants, Fruit Trees, Grape Vines, Etc.

Especial attention is called to the very superior quality of the Nursery Stock we supply. It is first-class in every respect, smooth, straight, handsome. No orders filled after April 1st, trees being mostly leaved at that time, and will seldom prove satisfactory.

Terms are strictly cash. We do not send out Trees or Plants C. O. D. under any conditions.

All prices are f.o.b. Memphis.

Trees and Plants in this department will be shipped separate from any flowers or greenhouse plants, at owner's risk.

EXTRA DISCOUNT—Notwithstanding the low prices we have put on all Fruit Trees, we make the following liberal offer when cash accompanies the order:

On orders amounting to $2.50 or over, at Catalogue prices only, the purchaser may select free one tree valued at 25c.

On orders amounting to $5.00 or over, at Catalogue prices only, the purchaser may select free trees or plants to value of 75c.

On orders amounting to $10.00 or over, at Catalogue prices only, the purchaser may select trees or plants to value of $2.00.

Bear in mind, this discount applies only on trees and plants in this department at regular prices, and you must select your discount from this department when you order Nursery Stock.

Elberta Peach.

Peaches.

2-year-old Trees .....each 25c; 6 for $1.25; 12 for $2.00
3-year-old Trees .....each 50c; 6 for 2.75; 12 for 5.00

FREESTONES.

Admiral Dewey—Orange yellow, crimson cheek; June 15.
Alexander—Flesh white; ripens June 15.
Amelia—Large white; ripens July.
Belle of Georgia—Large white; ripens July 20.
Berenice—Freestone, very juicy; large yellow peach.
Carmen—Freestone; ripens in June; large.
Champion—Immense size, white, red cheek; August.
Coleman's Choice—Freestone, large yellow; ripens July.
Crawford's Early—Yellow, juicy; ripens August.
Crawford's Late—Finest quality; ripens August 20.
Early Rivers—White, pink cheek; ripens July.
Eleanor Semmes—Freestone, deep yellow; August.
Ensley—Crimson yellow; ripens August 15.
Early Tillotson—White covered, red cheek; July 25.
Elberta—Flesh yellow, juicy and sweet; ripens August 1.
Greensboro—An early variety, large white; June 15.
Globe—Fine yellow; ripens October.
Heath Free—Very tender, juicy and melting; September.
Hill's Chili—Hardy yellow; ripens September.
Matthews' Beauty—Large yellow peach; August.
Mountain Rose—White, splashed carmine; ripens July 1.
Old Mixon Free—Yellowish white; ripens August 15.
Piquet's Late—Flesh yellow, sweet; ripens September.
Slappy—Freestone; ripens end of July; golden yellow.
Stump the World—Large, white, fine; ripens August 15.
Susquehanna—Fine canner; ripens July 30.
Triumph—Yellow; ripens June 1 to 15.
Wonderful—Handsome, productive; ripens October 10.
Yellow St. John—Golden yellow; ripens June 20.

CLINGSTONES.

Chinese Cling—Creamy white; ripens July 15.
Eureka—Clingstone; creamy white, fine quality; August.
Everbearing—Indian type, flesh white, streaked red.
Fitzhugh Lee—Creamy white, crimson blush; July.
Heath Cling—Pale yellow, fine; ripens September.
Henrietta—Large, fine quality; ripens September.
Indian Blood—Large, dark crimson; ripens August.

CLINGSTONES.

Lemon Cling—Deep yellow; ripens end of July.
Levy's Late—A fine, large late variety; ripens October.
Morris October—One of the best; ripens October 1.
Nix Late—A large, late clingstone from Georgia.
Old Mixon Cling—Yellowish white; ripens August.
Sneed, or Peeble's—Creamy white, half cling; ripens June.
Victor—Clingstone, very early; ripens June 1 good size.
Stonewall Jackson—Very fine; ripens July 15.
White English Cling—Very large, creamy white, with blush on sunny side, flesh very juicy; ripens August.

Standard Pears.

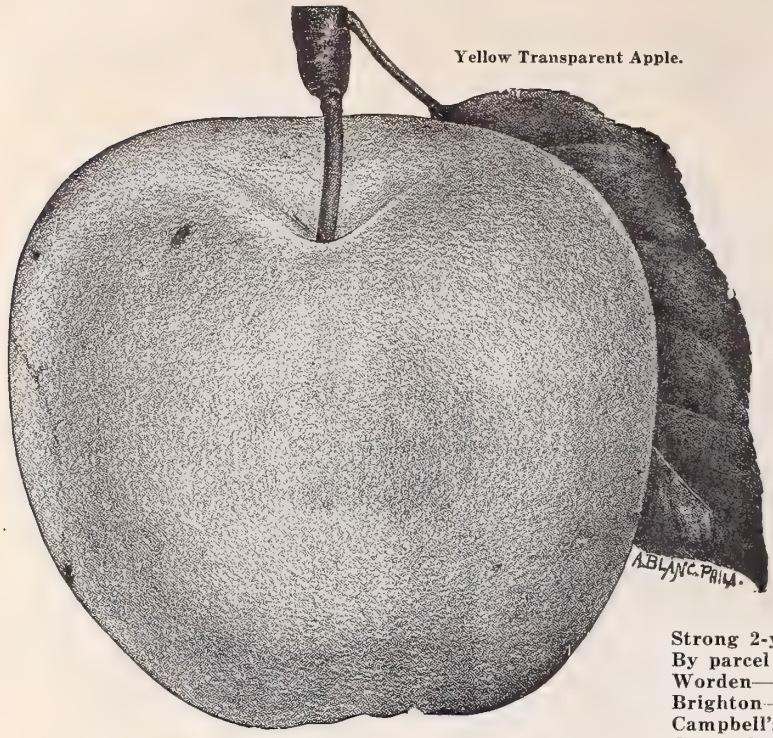
2-year-old Trees .....each, $ .40; 6 for $ 2.00; 12 for $ 3.50
3-year-old Trees .....each, 1.00; 6 for 5.00; 12 for 10.00
4-year-old Trees .....each, 2.00; 6 for 10.00; 12 for 15.00
Keiffer—Golden yellow, tinged with red on one side, remarkably free from blight; ripens in September.
LeConte—Large, of fair quality; ripens in August.
Bartlett—Yellow, faint blush; ripens in August.
Clapp's Favorite—Resembles Bartlett; ripens in August.
Duchess D'Angouleme—Very large; ripens in October.
Flemish Beauty—Large, sweet; ripens in August.
Garber—Larger than Keiffer; beautiful yellow.
Koonce—Of large size and of good form and color.

Plums.

2-year-old Trees .....each, $ .40; 6 for $2.00; 12 for $ 3.50
3-year-old Trees .....each, 1.00; 6 for 5.00; 12 for 10.00
Abundance—Large, sweet, juicy; very early, bright red.
Wild Goose—Very large and fine; ripens in June.
Red June—Purplish red, flesh yellow, solid, juicy.
Burbank—Large, clear, cherry red, very sweet.
Damson—Bluish purple, fine for cooking; ripens in August.
Wickson—Purple red, firm, sweet and juicy.

Apricots.

Strong 2-year-old Trees .....each, 40c; doz., $3.50
Early Golden—Small, pale orange, juicy and sweet.
Moorepark—Medium size, good keeper.
Russian—Of best quality, ripens early; very productive.



Yellow Transparent Apple.

Concord Grape.

APPLES.

2-year-old Trees .....**each, 35c; 6 for $2.00; 12 for $3.00**
3-year-old Trees .....**each, 50c; 6 for 2.50; 12 for 5.00**
Extra Heavy, large size, 8 ft. high.....**each, 1.00; 6 for 5.00**

Summer Varieties.

Early Colton—Yellowish white; ripens in July.
Duchess of Oldenburg—Yellow, striped red; ripens in July.
Early Harvest—Fine yellow; ripens in June.
Family—Yellowish, with crimson; ripens in July.
Horse—Large, yellow, fine for cooking; ripens in August.
Madison Sweet—Large, golden yellow, sweet and juicy.
May Pippin—Greenish yellow; ripens in May and June.
Red Astrachan—Greenish, covered crimson; ripens in June.
Red June—Dark crimson, fine grain, moderately juicy.
Summer Queen—Flesh yellow, firm, rich; ripens in May.
Yellow Transparent—Large, clear, yellow, juicy.

Fall Varieties.

Bachelor—Large, agreeable flavor; ripens in November.
Bell Flower—Oblong, fine rich yellow, juicy, acid.
Fall Pippin—Large, yellow; ripens in September.
Fall Strawberry—Striped, juicy and excellent.
Gloria Mundi—One of the largest apples; ripens in September.
Maiden's Blush—Large, pale yellow; ripens in September.
Rome Beauty—Large, red, white flesh.
Yates' Mammoth—Richly striped; ripens in November.

Winter Varieties.

Arkansas Beauty—Large, bright red; succeeds well.
Arkansas Black—Large, dark crimson, flesh yellow.
Ben Davis—Large, greenish yellow, striped with red.
Black Twig—Resembles the Wine Sap, except that it is from one-third to one-half larger.
Carter's Blue—Very large; green, crisp, sugary, rich.
Grimes' Golden—Golden yellow, crisp, tender, juicy.
Hall—Light yellow, covered with bright red.
Hayden's Favorite—A native apple; hardy tree, sure bearer.
Jonathan—Largest size; rich color, handsome variety.
Kentucky Streak—Large, handsome, flesh white.
Kinnard's Choice—Medium, flesh crisp, highly flavored.
Red Limber Twig—Greenish yellow; faint crimson stripes.
Shockley—Waxen yellow, with crimson cheek.
Tull—Winter apple, fruit large, green, with red stripes.
Twenty Ounce—Heavy, solid apple, fine flavor.
Wine Sap—Rich, dark red, flesh fine, creamy yellow.

Grapes.

Strong 2-year vines .....**each, 25c; doz., $2.00; 100, $10.00**
By parcel post .....**each, 35c; 6 for $1.50**
Worden—Concord type, large in bunch and berry.
Brighton—Large, coppery red; best quality.
Campbell's Early—Large, compact, black berry.
Concord—Large, black, juicy; sweet when ripe.
Delaware—Bunches small and compact; light red.
Early Ohio—The earliest black grape; bunches large.
Lutie—Very early, large red; free from rot.
Moore's Early—Large, black, earlier than Concord; fine.
Niagara—Berries large, sweet, greenish white.

Crab Apples.

Each.....**25c.** **Dozen**.....**$2.25**

Golden Beauty	**Red Siberian**	**Yellow Siberian**
Hyslop Crab	**Martha Crab**	**Transcendent**

Cherries.

2-year-old Trees .....**each, $ .40; 6 for $2.00; 12 for $ 3.50**
3-year-old Trees .....**each, 1.00; 6 for 5.00; 12 for 10.00**
Early Richmond—Fine, very early; ripens in May.
Black Tartarian—Black, juicy; ripens last of June.
Governor Wood—Very large; ripens last of May.
Late Duke—Light red; ripens last of June.
May Duke—Large, dark red; ripens in May.
Wright's Early—A native variety; ripens early.
Wright's Mammoth—Vigorous grower, fruit large.
Yellow Spanish—Very large, yellowish white, tinted rose.

Quinces.

Strong 2-year-old Trees .....**each, 40c; doz., $3.50**
Champion—Large and handsome; tender and rich in flavor.
Orange—Large, round, golden yellow; very fine.
Rea's Mammoth—An improvement upon the Orange; much larger.

Mulberries.

Price .....**each, 50c; doz., $5.00**
Hick's Everbearing—Produces immense crops; splendid for poultry and hogs.

Japan Persimmons.

The Japan Persimmon is thoroughly adapted to the Cotton Belt. The fruit varies in color and shape. We offer two of the best kinds, well adapted to this latitude, in four distinct sorts. **Price, 2 to 4 feet, each, 50c.**

A Certificate of Inspection Tag from the State Inspector of Nurseries, showing our stock to be Free from San Jose scale and other injurious insects and diseases, will accompany each shipment.

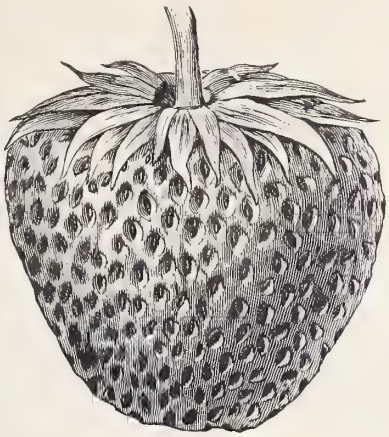
Strawberries.

Plant in February, March, April and November on good ground, deeply worked and well manured. Set in rows 3½ feet apart, 15 inches in rows for field culture; 15 inches each way for garden. Cultivate clean, mulch late in the fall and uncover early in the spring. Remove mulch after fruiting and spade in a light dressing of manure.

Raspberries.

Plant in rows 5 to 6 feet apart, 2 to 4 feet in the row. Cut the tops off within a few inches of the ground when planted. After the fruit season, cut out all the old wood which bore the last crop of fruit. Pinch the vigorous young shoots several times during the summer. They will then grow stout enough to stand without staking.

Lady Corneille Strawberry.



Aroma Strawberry.

Cumberland Raspberry.

New Strawberry, Lady Corneille—A wonderful new strawberry from Louisiana, ripens with Klondyke, but continues in bearing longer; berries large, rich, glossy red, slightly long, uniform in size and shape; rich, juicy, sweet and delicious. The plant is vigorous, with dark green glossy leaves, and stands drouth better than any other variety. Lady Corneille is a better berry than Klondyke for shipping, being larger, darker in color, and carries well in transit. Flowers perfect, therefore will produce crop when planted alone. **Price, by express, 25 for 50c; 100 for $1.00; 500 for $4.00; 1,000 for $7.50. By parcel post, 25 for 70c; 100 for $1.40; 500 for $4.60.**

Kellog's Prize Strawberry (P)—The largest of all berries; a bright, shining red; does not fade, firm; will ship; very productive; ripens with Lady Thompson Early, but holds out longer and is more productive; habits of growth same as Thompson's, but foliage much darker, and plant more stockier; flowers bi-sexual or perfect. **Price, by express, 25 for 50c; 100 for $1.00; 500 for $3.50; 1000 for $5.00. By parcel post, 25 for 70c; 100 for $1.25; 500 for $4.00.**

Aroma Strawberry—Very large, late maturing, berries solid, deep red, uniform in size; does well in this section. Perfect blooming. **Price, by express, 25 for 25c; 100 for 75c; 500 for $2.50; 1000 for $4.00. By parcel post, 25 for 40c; 100 for $1.00; 500 for $3.00.**

Lady Thompson Strawberry—Well known standard variety for home use; fruits large, slightly pointed, light red, but very sweet; perfect blooming. **Price, by express, 25 for 25c; 100 for 75c; 500 for $2.00; 1000 for $3.50. By parcel post, 25 for 40c; 100 for $1.00; 500 for $2.50.**

Klondyke Strawberry—A Southern berry, one of the best; color dark red, and good size. Flowers perfect. **Price, by express, 25 for 25c; 100 for 75c; 500 for $2.00; 1000 for $3.50. By parcel post, 25 for 40c; 100 for $1.00; 500 for $2.50.**

Mitchell Early Strawberry—Ripens early, good size fruit, which is round in shape and of good color; plant vigorous and perfect flowering. **Price, by express, 25 for 25c; 100 for 60c; 500 for $2.00; 1000 for $3.00. By parcel post, 25 for 40c; 100 for 85c; 500 for $2.50.**

Bubach Strawberry—Mammoth size, one of the largest; fruits bright red; fine for market. Flowers pistillate, therefore must be planted near some perfect flowering variety. **Price, by express, 25 for 25c; 100 for 75c; 500 for $2.50; 1000 for $4.00. By parcel post, 25 for 40c; 100 for $1.00; 500 for $3.00.**

Gandy Strawberry—The best late variety; produces large even dark crimson fruit; a splendid shipper. **Price, by express, 25 for 25c; 100 for 60c; 500 for $2.00; 1000 for $3.50. By parcel post, 25 for 40c; 100 for 85c; 500 for $2.50.**

Brandywine—Largest, most brilliantly colored and most strikingly beautiful of all berries. It is truly glorious. Very early, right on the heels of Excelsior. King of markets wherever it shows itself. **Price, by express, 25 for 40c; 100 for $1.00; 500 for $3.00; 1000 for $5.00. By parcel post, 25 for 60c; 100 for $1.25; 500 for $3.50.**

Cumberland—The largest black raspberry grown; immensely productive; quality fine; ripens very early. **Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for $4.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.00.**

St. Regis Everbearing Raspberry—One of the greatest raspberries ever introduced. Plants of the St. Regis put out in the fall or early April gave ripe berries on the 20th of June. For four weeks thereafter the yield was heavy and the canes continued to produce ripe fruit without intermission until late October. The berries were large and beautiful, firm and full flavored, to the very last. The St. Regis is the only raspberry, as far as known, that is practically sure to produce a crop of fruit the season planted. **Price, by express, each, 15c; 6 for 75c; 12 for $1.25; 25 for $2.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.50; 25 for $2.50.**

Cuthbert—Fruit large, red of excellent quality, yield very prolific; ripens middle of May, and continues for several weeks. **Price, by express, each, 10c; 6 for 50c; 12 for 75c; 100 for $3.00. By parcel post, each 20c; 6 for 75c; 12 for $1.00.**

Gregg—Blackcap; very productive, large size, firm, black. **Price, by express, each, 10c; 6 for 40c; 12 for 60c; 100 for $3.00. By parcel post, each, 20c; 6 for 55c; 12 for 85c.**

Blackberries.

Plant in good soil, in rows 5 to 6 feet apart, and 3 to 4 feet apart in the row. After the fruiting season, or in early spring, cut out all the dead wood. Blackberries should be planted early, before the buds start. A good top dressing of stable manure, applied annually, will be conducive to large crops. Keep the ground clean.

Himalaya Giant—A mammoth late blackberry, coming after the other berries are gone, ripens over a period of several weeks, making it especially desirable for family use. Fruit large, fine quality. **Price, by express, each, 15c; 6 for 75c; 12 for $1.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.25.**

Iceberg—This remarkable blackberry is one of Luther Burbank's productions. It succeeds admirably in this climate. The fruit is transparent white. The seeds, which are usually small, can be seen in the ripe berries. The berries are of large size and good quality. **Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for $4.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.00.**

Eldorado—Fruit large, roundish conical, rich glossy black; firm, juicy, sweet and excellent. **Price, by express, each, 15c; 6 for 50c; 12 for 75c; 100 for $4.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.00.**

Gooseberries.

Downing—Large, pale green berries. **Price, by express, each, 20c; 6 for $1.00; 12 for $1.50; 100 for $8.00. By parcel post, each, 30c; 6 for $1.15; 12 for $1.75.**

Currants.

Fay's Prolific—One of the most prolific, of excellent quality. **Price, by express, each, 15c; 6 for 75c; 12 for $1.00; 100 for $6.00. By parcel post, each, 25c; 6 for 90c; 12 for $1.25.**

Dewberries.

Lucretia Dewberry—The berries are far larger and incomparably better than any blackberry, and of unequaled excellence; soft, sweet and luscious throughout; of brightest glossy black color. **Price, by express, each 15c; 6 for 50c; 12 for 75c; 100 for $4.00. By parcel post, each, 25c; 6 for 65c; 12 for $1.00.**

Fig Bushes.

Price, either variety, 1-year trees .....each, 40c; doz., $3.50

Brown Turkey—Medium size, very sweet, prolific, hardy.
Lemon—A beautiful lemon colored fig, very sweet.
Celestial—Very large, violet, good and productive.
Magnolia—Mammoth fruit, largely grown in Texas.

Scuppernong Grapes.

Bunches seldom ever composed of more than 8 or 10 berries; berries round, of a bronze color, when fully ripe; vine is free from all disease and attacks of insects. **1-year, 50c; doz., $4.00; 2-year, each, 75c; doz., $7.50. By parcel post, 1-year, each, 65c; 2-year, each, 90c.**

Nectarines.

Strong 2-year-old trees .....each, 35c; doz.,$3.00

Seedling Pecans.

These are raised from the largest thin shelled nuts.

Paper Shelled Seedling Pecans—The nuts are large and very thin shelled. **2 to 3 feet, each, 50c; doz., $4.00.**

Miscellaneous Nut Trees.

Any variety, 2 to 3 feet .....each, 40c; doz.,$3.50

Almonds, Princess	**Japan Walnut**	**Japan Chestnut**
Black Walnut	**American Chestnut**	**English Walnut**

Magnolia Trees.

This is the grandest of all our native broad-leaved evergreen trees. It is a native of the middle sections of the Southern States, and succeeds best in a rich soil. Nothing more conspicuous can be seen among evergreens when its large white flowers are fully expanded.

Price, trees 12 to 18 inches .....each, $1.00; 36 ins., each, $2.00
Price, trees 24 to 30 inches .....each, 1.50; 48 ins., each, 2.50

S. & W. Lime Sulphur Solution

For the Cure and Prevention of the Dreaded San Jose Scale.

For use in the dormant period. This material combines the great fungicidal properties of sulphur with the scale remedy, and is specially recommended for peach and plum trees, which need the combined treatment in the fall and spring. **Qt., 35c; 2 qts., 50c; 1 gal., 75c; 5 gal., $3.00. Barrel lots, 28c per gal.**

Privet Hedge Plants.

California Privet—The great hedging plant. Remarkable for the beauty of its evergreen foliage and strong, regular, symmetrical growth. The foliage is dark green, very glossy and wax-like; hardy everywhere. Remove the unsightly fence and increase the value of your property by planting a California Privet hedge. Does well in all situations and under all conditions.

Amoor Privet—Retains its color remarkably well in the winter. Is quite hardy and makes a fine hedge.

Price, either kind—

1-year plants, 12 to 15 inches 25, $1.00; 100, $3.00
1-year plants, 18 to 24 inches 25, 1.25; 100, 4.00
2-year plants, 30 to 36 inches 25, 2.00; 100, 6.00

By express only.

Rocky Mountain Cherry.

A fruit for all people and all sections. One of the greatest novelties in the fruit line ever introduced. It bears every year and is as prolific as a currant bush. Sixteen quarts have been picked from a 3-year-old tree. Grows to a height of 4 feet and has never been affected by insects, black knot or other disease. The fruit is a rich red and changes to almost black when ripe, of good size, fine flavor and unsurpassed for preserves or eating. **Each, 50c; 6 for $2.50.**

All trees, plants and vines that comprise nursery stock will be forwarded to purchaser as soon as the weather conditions will permit them to be planted in your section, but must be sent separate from seed orders. We will pack all orders together if possible to do so.

Brown Turkey Fig.

Scuppernong Grape.

Hedge of California Privet.

Shade Trees.

Price, trees 5 to 6 feet, 75c; 8 to 10 feet, $1.00 each.

American Linden	Red Elm
China Umbrella	Judas or Red Bud
Silver Leaf Maple	Catalpa Speciosa
Lombardy Poplar	Weeping Willow
Carolina Poplar	Norway Maple
Water Oak	Sugar or Rock Maple

Hardy Shrubs.

	2-year Plants	Doz.
Althea in 10 colors, each, Rose or Sharon	$ .30	$3.00
Calycanthus, sweet shrub, clove or allspice	.35	3.50
Crepe Myrtle, crimson	.35	3.00
Deutzia, assorted colors	.30	3.00
Forsythia, Golden Bell	.35	3.50
Japan Quince, per 100, $15.00	.25	2.40
Lilac, purple	.35	3.50
Philadelphus, Syringa	.30	3.00
Snowball Shrub	.35	3.50
Spirea, assorted	.30	3.00
Weigela, assorted	.35	3.50

Shrubs at wholesale. Parties wanting any of the above varieties in lots of 50 or 100 we quote same at $16.00 per 100, all full 2-year plants.

Hardy Vines.

Price, each, 35c; 6 for $2.00. By express only.

Hall's Japan—White and creamy yellow; fragrant; blooms the whole season.

Monthly Fragrant—Red and yellow; very fragrant. Blooms all summer.

Scarlet Trumpet—Red Flowers; blooms freely, rapid grower.

Blue Wistaria—Quick climber, producing bunches of blue flowers.

China Umbrella Tree.

Palmetto Asparagus.

Evergreens.

Each, $1.50 to $2.00, according to size; express only.

Magnolia Grandiflora	Irish Juniper
Lawson Cypress	Norway Spruce
Deodora Cedar	White Pine

Asparagus Roots.

Palmetto—The large stem; best variety stalks; large, white and tender.

Price, by express, 2-year roots, doz., 25c; 50 for 75c; 100 for $1.00; 1,000 for $6.00.

Price, by express, 3-year roots, doz., 40c; 50 for $1.00; 100 for $1.50; 1,000 for $10.00.

Price, by parcel post, 2-year roots, doz., 35c; 50 for $1.00; 100 for $1.40.

Price, by parcel post, 3-year roots, doz., 50c; 50 for $1.25; 100 for $2.00.

Holt's Mammoth Sage.

The plants are very strong growing, the first season attaining one foot in height; the leaves are very large and of unusual substance, strong in flavor, and of superior quality. **Price, by express, each, 25c; 6 for $1.25; 12 for $2.00. Price, by parcel post, each, 35c; 6 for $1.50; 12 for $2.50.**

Mushroom Spawn.

They can easily be grown to perfection in an ordinary cellar, woodshed or barn. Culture directions free with orders.

American Pure Culture Spawn—Per brick, 25c; 5 bricks, $1.00. By parcel post, brick, 35c; 5 bricks, $1.25.

Hawkeye Tree Protector.

A sure protection against sun scald, rabbits, mice and other vermin. Keeps them from eating the bark on young trees. **100, $1.50; 50, $1.00; 12, 30c. By parcel post, 100 for $1.90; 50 for $1.35.**

Fall or Everbearing Strawberries.

A new species different from the ordinary strawberry, in that they bear in the fall. The regular sorts require a full year's growth to come into bearing and have berries then for only three or four weeks, while the Everbearing plants set out in the spring bear from July until freezing time the SAME YEAR THEY ARE PLANTED and then bear again the following spring, same as other kinds. Many persons have the impression that the fall—or everbearing strawberries are difficult to grow successfully. This is an error; their culture is almost as simple as the ordinary kinds. For full crops in autumn, it is best to remove all blossoms until about the first or middle of July. In all other respects they should be given the same treatment as other varieties of strawberries. **Price, Americus Everbearing, the best variety, are as follows: By express, 12 for 50c; 50 for $1.50; 100 for $2.50. By parcel post, 12 for 70c; 50 for $1.75; 100 for $3.00.**

Horseradish.

Delicacy Rhubarb.

Pure Culture Mushrooms.

Rhubarb Roots.

Delicacy—A large wine-colored stalk that stands well in our climate.

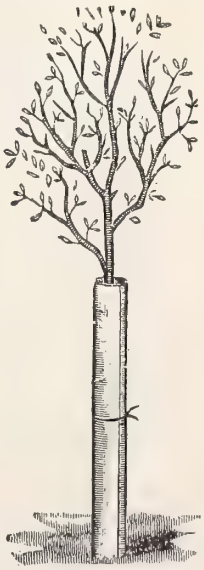
By express, one-year roots, each, 10c; 12 for $1.00; two-year roots, each, 25c; 12 for $2.00.

By parcel post, one-year roots, each, 15c; 12 for $1.25; two-year roots, each, 35c; 12 for $2.50.

Horseradish.

Plant in rows 18 inches apart, putting the sets 1 foot apart. **Price, by express, doz., 20c; 100, $1.00. Price, by parcel post, doz., 25c; per 100, $1.25.**

Silver Maple.



Hawkeye Tree Protector.

Greenhouse Plants, Roses, Etc.

PLANTS BY PARCEL POST—We send free by parcel post all plants in this department at prices quoted. They are, however, not as large as those we send by express.

PLANTS BY EXPRESS—Prices quoted here do not include prepayment of express charges. The express size plants are larger and can be packed to better advantage, and we are sure that customers will not grudge the extra outlay in receiving larger and better plants than when sent by parcel post. Be sure to advise us if we shall send by express or parcel post. If customers do not give instructions we will forward the order by express, charges collect.

TERMS CASH—We make no ledger accounts of plant orders, so please remit for what you order. Plants will be sent as soon as weather permits.

Rose Etoile de France.

Roses

The Marechal Niel Family.

Yellow Marechal Niel—A beautiful deep sulphur yellow, very large and fragrant. We have a grand stock of this variety.
The Red Marechal Niel—Buds and flowers the same as the yellow; color carmine red.
The White Marechal Niel—Identical with its sister variety, except in color and flowers. The color is pure white.

One-year-old ..... each, $ .35
Two-year-old ..... each, .60
Extra large plants ..... each, 1.00

Climbing Roses.

Climbing Bridesmaids—Clear dark pink.
Cloth of Gold—Very fine yellow.
Mrs. Robt. Peary or Climbing Kaiserin—The grandest of white climbers.
Climbing Marie Guillot—Pure white.
Climbing Meteor—Best red.
Reine Marie Henriette—Large, full and fine flowers, color cherry red.
William Allen Richardson—Coppery yellow.

One-year-old plants ..... each, $ .35; 6 for $1.80
Two-year-old plants ..... each, .50; 6 for 2.50

APHINE.

Kills aphis, lice and spiders on roses and other plants. Mixes with water and used as a spray. Perfectly safe. Does not burn or scald the plant, but is one of the most effective preparations. **¼ pint can, 35c. By parcel post, 40c. ½ pint can, 60c. By parcel post, 70c.**

Bedding Roses.

Prices uniform as follows

One-year-old plants..... each, $ .25; 6 for $1.40; 12 for $2.50
Two-year-old plants..... each, .35; 6 for 1.80; 12 for 3.00

American Beauty—Brilliant red, flowers large.
Aurora—Clear bright pink, very double.
Bride—Pure white.
Bridesmaid—Beautiful pink.
Caroline Testout—Bright satin rose color.
Colonel Le Clerc—Cherry pink.
Devoniensis—Creamy white.
Etoile de France—Velvety red.
Etoile de Lyon—Deep golden yellow.
Freiherr von Marshall—Dark Crimson.
Kaiserin Aug. Victoria—Creamy white.
La France—Peach pink.
Malmaison—Creamy, with peach red.
Madam Abel Chatenay—Creamy rose salmon.
Mme. Leon Pain—Bright red, with yellow.
Maman Cochet—A very beautiful pink.
Mrs. R. B. Cant—Bright rosy pink.
My Maryland—Pink.
Mrs. A. R. Waddell—Deep coppery salmon.
Mrs. Dudley Cross—Soft golden yellow.
Olivia—Deep rose color.
Papa Gontier—Rich cherry red.
Pink Killarney—The first flowering pink.
Radiance—Rosy carmine.
Rhea Reid—Beautiful crimson.
Richmond—Rich scarlet.
Sano de Pres. Carnot—Pink, shading to white.
Star of Gold—Rich golden yellow.
Senator Mascurand—Willow yellow.
Sano de Pierre—Notting yellow, with pink.
Triumph de Pernet Pere—Magenta red.
White La France—Blush white.
White Maman Cochet—White, rich pink.
White Killarney—Pure white.
William Shean—Purest deep pink.
Yellow Maman Cochet—Best yellow rose.

Rose Mad. Abel Chatenay.

General Collection of Plants

Acalypha Sanderi—Chenille plant; the most ornamental plant. **20c each; 3 for 50c.**

Acalypha Tricolor — Highly colored leaves, bright red, blotched with crimson bronze. **15c each; 3 for 40c.**

Acalypha Marginata—Dark bronze, with rose margined leaves. **15c.**

Alyssum, Double Giant—Large flowers. **Each, 10c; doz., 75c.**

Alyssum, Little Gem—Single. **Each, 10c; doz., 75c.**

Ageratum, Princess Pauline—Blue. **Each, 10c; doz., 75c.**

Ageratum, Stella Guerney—Intense blue. **Each, 10c; doz. 75c.**

Ageratum, White Pet—White. **Each, 10c; doz., 75c.**

Asparagus Sprengeri—The best house and basket plant. **Each, 15c; 3 for 40c.**

Asparagus Plumosus Nanus—The most beautiful plant for house culture. **Each, 15c; 3 for 40c.**

Begonias.

Each, 20c; 3 for 50c; 12 for $1.75.

Begonia Rex.

The Rex Family—The handsomest of all Begonias.
Rubrum—Pinkish metallic luster.
Sandersonii—Scarlet shade of crimson.
Thurstonii—Deep pink.
Erfordia—Light cherry red.
Pres. Carnot—Coral red.

Carnations.

Each, 15c; 3 for 40c; 12 for $1.50.

America—Light scarlet.
Enchantress—Light pink.
Mrs. Thomas Lawson—Deep cerise pink.
Boston Market—Pure white.
Jubilee—Scarlet.
Prosperity—Striped pink and white.

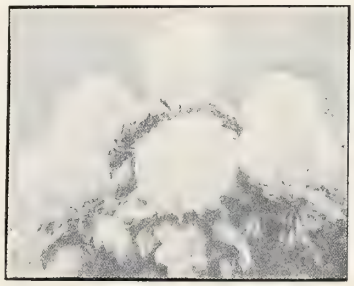
Cannas.

Each, 15c; 6 for 75c; 12 for $1.00.

Madame Crozy–Scarlet with golden yellow.
America—Red, with purple.
Austria—Golden yellow.
Allemania—Orange scarlet.
Pennsylvania—Vermillion scarlet.
Italia—Golden yellow with orange scarlet.
Alphonse Bouvier—Dark crimson.
Florence Vaughn—Yellow, with red.
Chicago—Scarlet.
Express—Dark crimson.
Chas. Henderson—Bright crimson.
King Humbert—Deep orange, very large.
William Saunders—Bright scarlet.

Chrysanthemums.

Each, 15c; 3 for 40c; 12 for $1.25.



Chrysanthemum, Golden Wedding.

Early White.
Early Snow. **October Frost.**
Geo. S. Kalb. **Clementine Touset.**
Early Pink.
Wm. Simpson. **John K. Shaw.**
Midseason White.
Lynwood Hall. **Mrs. Henry Robinson**
Ivory. **Florence Pullman.**
Queen. **Timothy Eaton.**
Midseason Pink.
A. J. Balfour. **Dr. Engelhart.**
Maud Dean.
Early Yellow.
Golden Glow. **Monrovia.**
October Sunshine.
Early Red.
Admiral Schley. **The Bard.**
Midseason Yellow.
Col. Appleton. **Major Bonaffon.**
Golden Wedding. **Goliath.**

Clematis.

Each, 50c; 4 for $1.50.

Clematis Henryi—Fine large creamy white.
Clematis Jackmanii—Violet purple.
Clematis Mad. Ed. Andre—Bright red.
Clematis Paniculata—One of the best climbers, snow white.

Coleus.

Each, 8c; 12 for 75c.

Sensation—Crimson maroon.
Vershaffelti—Dark maroon, with yellow.
Yellow Bird—Golden lellow.
Empress of India—Maroon, yellow center.
Golden Beauty—Dwarf yellow.
Perfection—Bright crimson.
Firebrand—Brilliant scarlet.
Hero—Darkest Coleus grown.
Grace Adams—Green, with red.
Rainbow—Red, gold, green.

Fuchsias.

Each, 15c; 3 for 40c; 12 for $1.50.

Black Prince—Waxy carmine.
Von der Strauss—Pure red, double white in center.
Phenomenal—Bright cobalt red, with violet shade.
Rosains Patri—Brilliant deep scarlet, with pure white.
New Trailing Queen—Fine for baskets, very free bloomer .

Hibiscus.

Each, 15c; 3 for 40c; 12 for $1.50.

Peachblow—Large double flowers, soft pink, with deeper center.
Hibiscus, Single—Scarlet.
Hibiscus, Double—Crimson.

Hydrangeas.

Large Plants, each, 35c; 6 for $1.75.

Monstrosa—Color deep rose.
Thomas Hogg—Pure white.
Otaska—Pink.
Rosea—Bright rosy red.

Heliotrope.

Each, 15c; 3 for 40c; 12 for $1.50.

Heliotrope, Czarina.

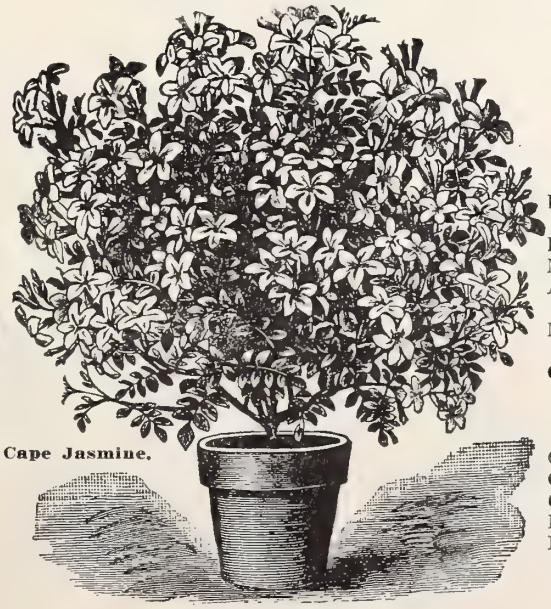
Picciola—Flower very large, dark heliotrope color.
Florence Nightingale—Bright lavender.
Madame de Blonay—Pure white.
Albert Delaux—Foliage bright golden yellow.
Madame Bruant—Rich purple, with white eye.
Czarina—Very dark.

The Jasmine Family.

Each, 15c; 3 for 40c; 12 for $1. 50.

Confederate Jasmine—A fine climber.
Cape Jasmine—Pure double white.
Grand Duke—Large double white.
Maid of Orleans—Creamy white.
Night Blooming Jasmine—Very easy grower. Blooms at night only; very fragrant.

Canna, King Humbert.



Cape Jasmine.

Geranium, Wm. Langguth.

Geraniums.

Each, 15c; 3 for 40c; 12 for $1.50.

Single Geraniums.

Athlete—Vivian scarlet.
Clyde—Rich red.
Electric—Brilliant scarlet.
J. D. Cabos—Soft pink.
Mrs. E. G. Hill—Bright salmon.
Queen of the West—Orange scarlet.
Admiration—Salmon.
Telegraph—Deep orange.

Double Geraniums.

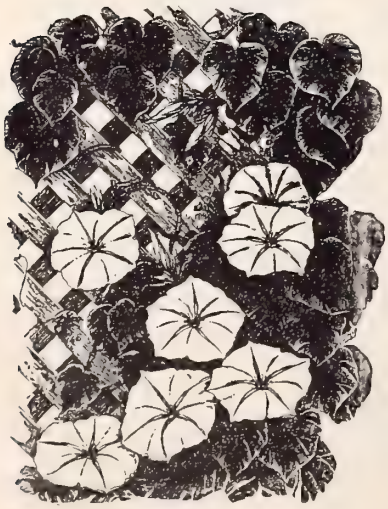
Alphonse Ricard—Orange scarlet.
Glory de France—Salmon white.
Hedwig Buchner—Pure white.
Jean Viand—Large pink.
S. A. Nutt—The best crimson.
President Simon—Scarlet.
Abe Le Franc—Carmine, with white eye.
Mad. Landry—Salmon.

Fancy Geraniums.

Wm. Langguth—Double crimson.
Madame Salleroi—Silver leaf, very showy.
Mrs. Pollock—Fancy variegated leaves.
Happy Thought—Leaves green and yellow.
Livingston—Skeleton leaf, fragrant.

Scented Geraniums.
Each, 15c; 2 for 25c.

Balm **Nutmeg** **Apple**



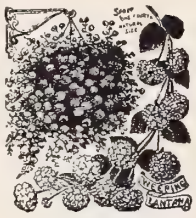
White Moonflower.

General Collection of Plants

The Lantana Family.

Each, 15c; 3 for 40c; 12 for $1.50.

New Weeping Lantana—One of the best plants for baskets, vases, etc., also for bedding. Color of flowers is lilac pink.
Lantanas, Aurora—All the colors of the sunrise.
Lantanas, Emily Bayard—Orange and pink.
Lantanas, Corbeille d'Argent—Pure white.
Lantanas, Crusalis—Clear yellow.
Lantanas, Franciere—Rosy lilac.
Lantanas, Miss Memphis—Deep yellow.
Lantanas, Trochere—Red.
Lantanas, New Dwarf Iannia—Rose color.



New Weeping Lantana.

Ponderosa Lemon.

Ponderosa Lemon, American Wonder.

Each, 25c.

Superb fruit has been taken from the tree weighing over 1½ pounds; it is of very easy culture. The flowers are very fragrant.

Otaheite Orange.

Each, 25c.

As a pot plant the Orange is one of the most novel and beautiful that can be grown. It begins to bear fruit when quite small; not over 18 inches high.

Pansies.

Each, 10c; 12 for 75c.

We grow the largest and finest Pansies in the South.

Petunias.

Single varieties, each, 10c; 12 for 75c.
Double varieties, each, 20c; 6 for $1.00.

We have very choice colors in double and single Petunias.

Plumbago.

Each, 15c 3 for 40c.

Sky blue. White.

Moon Flowers.

Each, 15c 3 for 40c.

White. Blue.

Decorative Plants.

Farfugium Grande—Leopard plant. **Each, 50c; 3 for $1.25.**
Boston Fern—So well known it needs no description. **Each, 25c.**
Nephrolepis Whitmanii—The fronds are fine cut, dwarf in habit, very easy grown. **Each, 35c.**
Umbrella Plants—Each, 15c.
Auracaria Excelsa—Norfold Island pine. **Each, $1.25.**
Fancy Leaved Caladiums—Each, 35c.
Ficus Elastica, Rubber Plant—Each, 50c.
Fern Dish Collection—No. 1, each, 60c.
Fern Dish Collection—No. 2, each, $1.00.
Hanging Baskets—Boston Fern. **Each, $3.00.**
Hanging Baskets — Flowering plants. **Each, $2.00.**
Sanseveria Zealanica—Each, 25c.

Salvia, or Scarlet Sage.

Salvias.

Each, 15c; 12 for $1.00.

Salvia, Lord Fontleroy—Dwarf flowering.
Salvia, Silverspot—Foliage spotted, with white spots.
Salvia, Cretien—Bright scarlet.
Salvia, St. Louis—Vivid scarlet.
Salvia, Zurich—Dwarf and bushy, bright scarlet.

Verbenas.

Each, 10c; 12 for 75c.

We offer a choice selection in white, crimson, purple, oculated, striped and variegated.

Mammoth Verbena.

Violets.

Each, 10c; 12 for $1.00.

Marie Louise—Double dark blue.
Swanley White—Double white.
Prince of Wales—Single, large flower.
California—Single, rich dark blue.
Hardy English—Deep violet purple.

Violet Prince of Wales.

General Collection of Plants

Asters—Early flowering; white, purple, red. **Each, 10c; 12 for $1.00.**

Asters—Late flowering; white, purple, red. **Each, 10c; 12 for $1.00.**

Azalea, Chinese—White, pink, variegated. **Each, $1.25.**

Brumansia, Angel's Trumpet—Each, 20c; 3 for 50c.

Bananas—Each, $1.00.

Calla Lillys—White, black. **Each, 35c.**

Calladiums—Each, 35c.

Centaurea, Dusty Miller—Each, 10c; 12 for 75c.

Cobea Scandens—Climbing vine. **Each, 20c; 3 for 50c.**

Cuphea—Cigar plant. **Each, 10c; 6 for 50c.**

Daisies—Hardy white. **Each, 10c; 6 for 50c.**

Dianthus—Summer pinks. **Each, 10c; 6 for 50c.**

Dahlias—Twenty varieties. **Each, 20c; 3 for 50c.**

English Ivy—Each, 15c; 6 for 75c.

Fernfew—Double white. **Each, 10c; 6 for 50c.**

German Ivy—Light green leaves. **Each, 15c; 3 for 40c.**

Glechoma — Variegated Ground Ivy. **Each, 25c; 3 for 60c.**

Hollyhocks—Single and double crimson, pink, white, salmon, yellow. **Each, 20c; 3 for 50c.**

Impatiens, Sultani—Rosy lilac. **Each, 15c; 6 for 75c.**

Impatiens, Evening—Wax orange. **Each, 15c; 6 for 75c.**

Impatiens, Portia—Rose pink. **Each, 15c; 6 for 75c.**

Kudzu Vine—Rapid growing hardy vine. **Each, 25c.**

Lemon Verbena—Each, 15c; 3 for 40c.

Manettea Alcolor—Flame colored flower. **Each, 15c; 3 for 40c.**

Mint Plants—Used for Mint Julip. **Each, 20c; 3 for 50c.**

Nasturtium—Tall or climbing. **Each, 10c; 12 for 75c.**

Nasturtium—Dwarf. Each, 10c; 12 for 75c.

Pilea Artillery Plant—Fern-like foliage. **Each, 15c; 6 for 75c.**

Primula, Malacoides—Lavender, blue flowers. **Each, 35c.**

Primula, Obconica—Large fringed Hybrids. **Each, 35c.**

Smilax—Fine house vine. **Each, 20c; 3 for 50c.**

Thuenbergia—Black-eyed Susan. **Each, 10c; 12 for $1.00.**

Tradescautia, Wandering Jew. Each, 10c; 12 for 75c.

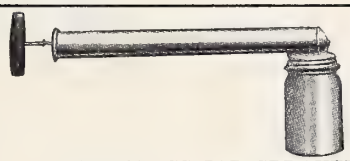
Ornamental and Hardy Vines.

Wisterias—Purple. **Each, 50c.**

Wisterias—White. **Each, 50c.**

Virginia Creeper—Clinging to walls and trunks of trees. **Each, 50c.**

Boston Ivy—Entirely hardy in the most exposed places; clinging to stones, brick and woodwork with the greatest tenacity. For covering walls, dead trees, gate posts, etc., it has no equal. **Each, 20c.**



SIMPLEX GLASS JAR SPRAYER.

A combination powder gun and sprayer. You can have a separate jar for each spray solution or powder, therefore always ready for use by simply changing the jar. It blows any kind of dry powder or sprays any liquid in any position, either up or down. Fine for house plants, roses, small trees, poultry house, etc. Once try a Simplex Glass Jar Sprayer and you will never be without one. **Price, each, 50c. By parcel post, each, 75c.**

S. & W. LIME SULPHUR SOLUTION.

For the Cure and Prevention of the Dreaded San Jose Scale.

For use in the dormant period. This material combines the great fungicidal properties of sulphur with the scale remedy, and is specially recommended for peach and plum trees, which need the combined treatment in the fall and spring. **Qt., 35c; 2 qts., 50c; 1 gal., 75c; 5 gal., $3.00. Barrel lots, 28c per gallon.**

English Ivy—A beautiful evergreen vine. **Each, 15c.**

Chinese Kudzu Vine—Adapted for covering arbors or verandas, especially where rampant vines and large leaves are required. Thrives in almost any well drained soil. **Each, 25c.**

Hardy Phlox.

We have fine plants of hardy Phlox in ten leading varieties. **Each, 15c; per doz., $1.50.**

Hardy Carnation Pinks.

Each, 20c; 3 for 50c.

Her Majesty—All pure white.

Essex Witch—Cherry red.

Sano de Sale—Pink.

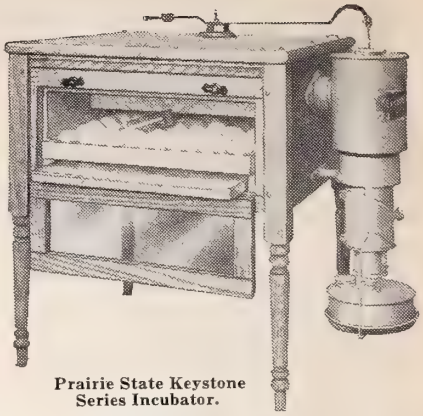
BUG DEATH.

A new powder that effectually takes the place of paris green and other dangerous and poisonous insecticides. Absolutely safe to use, as it contains no poison whatever. Send for circulars. **Price, 1 lb., 15c; 3 lb., 35c; 5 lb., 50c; 12½ lb., $1.00. By parcel post, 1 lb., 25c; 3 lb., 50c; 5 lb., 70c; 12½ lb., $1.35.**

Sulpho-Tobacco Soap

Kills bugs, red spiders, rose insects, etc. Full directions with each cake. **3-ounce cake, 10c. By mail, postpaid, 15c.**

Poultry Supply Department



Prairie State Keystone Series Incubator.

The largest in the South. We handle only the very best, and at reasonable prices. Only supplies of known merit are here offered to our customers, those that have been thoroughly tested and proven—honest goods at honest prices. This method has made Schwill's Poultry Foods and Supplies popular the country over, and is gaining for us thousands of new friends each year.

Prices subject to important market changes, and are those ruling at this time; therefore canceling all previous quotations. Transportation charges to be paid by purchaser, except where marked postpaid.

Full circulars describing the following Poultry Foods, Medicines, etc., sent on application.

Our terms are Cash with order. We ship promptly. Combine your orders for supplies with your Seed orders and save freight.

Prairie State Incubators and Brooders.

The Prairie State Incubators and Brooders have been on the market 30 years. These machines have been constantly improved, until today they will hatch a greater number of livable chicks than any other. By "livable" chicks we mean chicks that will live and grow to maturity. No matter how many chicks you hatch, if they don't live, it is a dead loss. The Prairie State Incubators copy Nature. Did you ever notice the hen that steals her nest on the ground? That is natural incubation. And she usually hatches every egg, doesn't she? A wet sand tray, covering the entire bottom of the machine in close proximity to the eggs, furnishes the proper amount of moisture and reduces the evaporation from the eggs to the same per cent (9 to 11 per cent) as under a hen. This insures chicks of full vitality—chicks that will live—just like the hen-hatched chicks. Complete Prairie State Catalogue free on request.

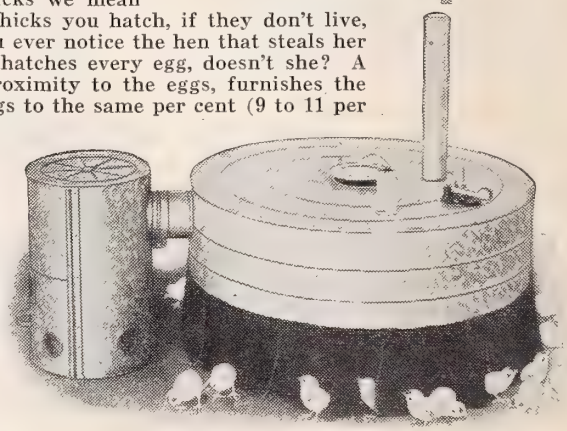
Prairie State Standard Sand Tray Incubators.

No. 1, Series A, 150-egg size complete	**$22.50**
No. 2, Series A, 240-egg size, complete	**32.00**
No. 3, Series A, 390-egg size, complete	**38.00**
No. 2, Series B, 200-egg size, complete	**27.00**
No. 3, Series B, 300-egg size, complete	**35.00**
No. 4, Series B, 400-egg size, complete	**40.00**

On application, we will mail you a complete catalogue of Prairie State Machines, giving full detail on all sizes.

Prairie State Portable Hover.

Made of galvanized iron, fireproof, portable, ventilated and easy to heat. Can be used indoors or outdoors; can be easily cleaned, as it sits directly on the floor. Supplied with a powerful wafer regulator which controls the temperature. This is the latest brooding device put out by the Prairie Incubator Co. **Price, complete, $8.50 each.**



Prairie State Portable Hover.

Prairie State Colony Outdoor Brooders.

"The Poultryman's Favorite."

The proper device for rearing is just as necessary as a good machine for hatching. For outdoor use, the Combination Colony House Brooders have no equal. Zero weather has no ill effects and you can rest assured that your chicks are safe and comfortable either with a rain, hail or snow storm raging outdoor. Large and convenient, they are all one could desire; the sanitary conditions are easily maintained because of the plan of construction.

Prairie State Colony Brooder No. 1, weight 300 lbs.	**$20.00**
Prairie State Colony Brooder No. 2, weight 208 lbs.	**16.00**
Prairie State Colony Brooder No. 3, weight 150 lbs.	**12.00**

Send for complete catalogue of Prairie State Incubators.

The Prairie State Universal Hover.

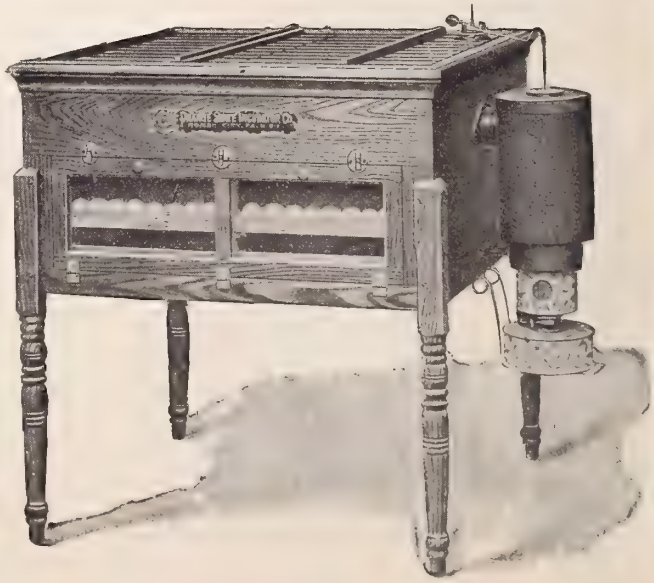
Has completely revolutionized the rearing of chicks. No device ever offered to the poultry raiser has received such endorsement. It may be attached to any form of colony house, shed, coop, piano, dry goods or organ box. It also enables those who wish to build their own brooders to get the best brooding device possible in an economical manner. **Complete, $7.00. Price without Lamp Case, $6.00 each. With regulator attached, $1.50 extra.**

Prairie State Keystone Incubator.

The Keystone is so constructed that it can be operated under all conditions of climate; dry or wet locations; upstairs or down; in cellar or basement. It is simple, easy to operate and the most inexperienced person can succeed with it, not only obtaining high hatching efficiency, but hatching **"Chicks That Live"** and easy to rear. The new machine—**The Keystone**—embodies all of the regular Sand Tray Prairie State special hatching features, such as the well known Eddy current (patented) distribution of heat. Sand Tray for supplying moisture, constant down-draft ventilation, zinc and steel thermostatic regulator, improved Prairie State Heater with the latest type of quick detachable lamp, double case with cotton batting insulation between. In fact, every feature that is found in our larger and higher priced machines you will find incorporated in the Keystone models. Made in two sizes, prices as follows: **Keystone Series Prairie State Sand Tray Incubator—No. 0, 60-egg capacity; no nursery; price, $9.00. No. 1, 100-egg capacity; no nursery; price, $12.00.**

Prairie State Extras.

Prairie State Thermometers, stand up style	**$ .60**	**By parcel post**	**$ .75**
Prairie State No. 1 Burner, ½-inch wick	**.35**	**By parcel post**	**.40**
Prairie State No. 2 Burner 1 -inch wick	**.40**	**By parcel post**	**.50**
Prairie State No. 3 Burner, 1½-inch wick	**.50**	**By parcel post**	**.60**
Prairie State No. 1 Lamp Bowl	**.60**	**By parcel post**	**.75**
Prairie State No. 2 Lamp Bowl	**.65**	**By parcel post**	**.80**
Prairie State No. 3 Lamp Bowl	**.75**	**By parcel post**	**.90**
Prairie State Hover Regulator	**1.50**	**By parcel post**	**1.75**
Prairie State Incubator Regulators	**2.50**	**By parcel post**	**2.85**
Prairie State Regulating Arms	**1.50**	**By parcel post**	**1.65**
Prairie State Arm Dampers	**.25**	**By parcel post**	**.30**
Prairie State Wicks, all sizes	**.30**	**By parcel post**	**.40**



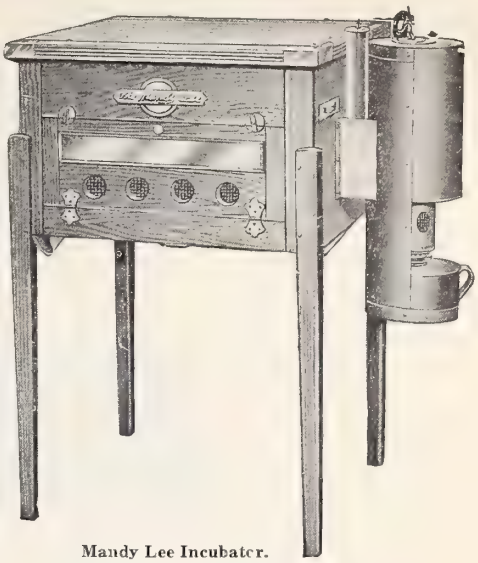
Prairie State Sand Tray Incubator.

Mandy Lee Incubators.

Southern poultry raisers need no introduction to this famous line of machines, as the hundreds of satisfied customers we have supplied in recent years will testify. We have tested them ourselves in every conceivable way; have run numerous hatches in competition with other standard machines, and not once has the Mandy Lee failed to give good results.

In the Mandy Lee heat is measured and regulated. Moisture is measured and regulated. Ventilation is automatic. The direction book is complete. Adaptable to any climate or altitude, because conditions are always correct at the eggs.

The following machines are all in good shape, and are supplied with new deflectors, tall chimneys, which makes them fully equal to any late machines that are put out by the factory. We have the following sizes, which we offer at very reasonable prices.



Mandy Lee Incubator.

Mandy Lee Incubators.

100-egg size, complete with hygrometer.....$12.50
140-egg size, complete with hygrometer..... 15.00
200-egg size, complete with hygrometer..... 18.00
280-egg size, complete with hygrometer..... 22.00

The Mandy Lee Incubators priced above are all supplied with the special Mandy Lee Hygrometer or Moisture Gauge. Full catalogue of Mandy Lee Incubators and Brooders mailed for the asking.

The Mandy Lee Indoor Chick Brooder.

Mandy Lee Direct Contact Heat Brooders are already popular and well known. A Brooder in which the chick can regulate its own degree of warmth; in fact, the nearest possible imitation of an old hen. Easily heated, easily cleaned and ventilated. Made in 100-chick size only. **Price, $12.00.**

Mandy Lee Outdoor Heated Brooder.

Made in two compartments, roomy; keeps chicks comfortable night and day, and is not only a good brooder, but a Brooder House. Easily regulated in any kind of weather. Made one size only, 3x4 feet; hover, 16x36 inches; other floor space, 2,400 square inches. Will accommodate 100 to 125 chicks. **Price, $10.00.**

Mandy Lee Fireless Brooders.

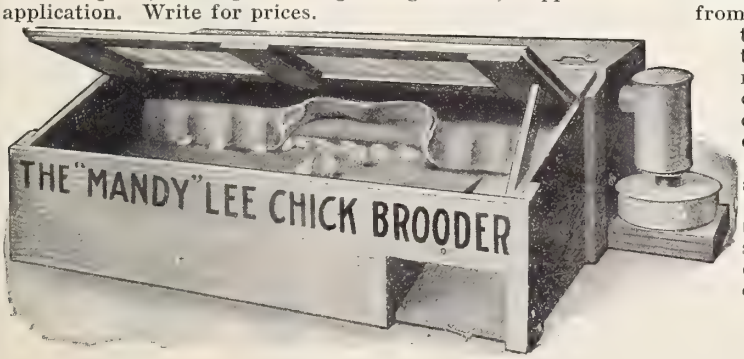
Require no artificial or lamp heat at any time or in any situation. Can be used either indoors or outdoors with equal success.

No. 8—100 Chick Fireless Brooder.....each, $4.00
No. 10—200 Chick Fireless Brooder.....each, 7.00

Mandy Lee Repairs and Extras.

Mandy Lee Incubator Thermometers, price	$ .75	By parcel post	$ .90
Mandy Lee Hygrometer, price	2.00	By parcel post	2.10
Mandy Lee Incubator Chimneys, price	.50	By parcel post	.60
Mandy Lee Incubator Lamps	.60	By parcel post	.75
Mandy Lee Incubator Burners	.50	By parcel post	.60
Mandy Lee Lamp Wicks .....doz.	.30	By parcel post	.40
Mandy Lee Hygrometer Wicks..doz.	1.00	By parcel post	1.10
Mandy Lee Upper Adj. Rod and Nut, each	.25	By parcel post	.30
Mandy Lee Lower Adj. Rod and Nut, each	.25	By parcel post	.30
Mandy Lee Thermostats .....each,	.75	By parcel post	.80

Other parts, castings for regulating device, supplied on application. Write for prices.



Cycle Brooder-Hatchers.

Brooder-Hatchers are designed to do double duty and meet the requirements for all classes of poultry raisers; the one raising but a few chickens annually as well as the large breeders raising thousands. They have some advantage over our regular Hatchers for hatching, as they will stand a greater variation of temperature in the room in which they are operated, as the nest is protected by the brooder. **Price, Cycle Brooder Hatcher, each, $8.50, f.o.b. Memphis. If shipped from factory, price, $8.00.**

Cycle Hatcher Repairs.

Cycle Hatcher Thermometers, each,	$ .50	By parcel post	$ .60
Cycle Hatcher Lamp Burners, each.	.50	By parcel post	.60
Cycle Hatcher Lamp Brackets, each	.40	By parcel post	.50
Cycle Hatcher Lamp Wicks, doz....	.30	By parcel post	.35
Cycle Hatcher Heater Dampers, each	.15	By parcel post	.20
Cycle Hatcher Regulating Arms, each	.40	By parcel post	.50
Cycle Hatcher Regulating Brass Pin, each	.10	By parcel post	.10
Cycle Hatcher Wafer Regulators, each	.50	By parcel post	.55

The International Sanitary Hover.

This hover can be picked up and carried around with ease and used anywhere. It gives equally good results in a hen house, barn, cow stall, piano or dry goods box. It is circular in shape; is made of metal throughout, and fireproof. The hover sets on floor just as a mother hen does. The lamp can be lifted out through the top and the operator does not need to kneel in the dust. There is no possibility of gases and fumes from the lamp getting into the air breathed by the chicks. The thermometer can be lifted out, looked at and dropped back without moving the hover (see illustration). Can also be used as an oat sprouter. It will do the work quickly and satisfactorily. Ask for circulars. **Price, all complete, each, $8.50.**

International Sanitary Hover.

Cycle Hatchers or Metal Mother Incubators.

The Cycle Hatcher is designed to take the place of the hen and the large, clumsy incubators, and to carry out the development of the embryo chick in the egg to a living, healthy bird by a device approaching nearer to the stage of perfection in construction, operation and control of the moisture than anything on the market to date. **50-egg Cycle Incubator, each, $6.50, f. o. b. Memphis. If shipped direct from factory, price, $6.00.**

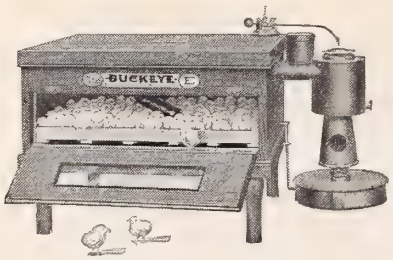
Extras for International Hovers.

Int. Hover Thermometers ....each,	$ .50	By parcel post	$ .60
Int. Hover Lamp Bowls .....each,	.50	By parcel post	.65
Int. Hover Lamp Burners.....each,	.40	By parcel post	.50
Int. Hover Lamp Chimneys...each,	.35	By parcel post	.40
Int. Hover Lamp Wick .....doz,	.25	By parcel post	.40
Int. Hover Red Felt Wicks....doz.,	.50	By parcel post	.60

Buckeye Incubators.

We are the authorized agents for the celebrated Buckeye Incubators. These are hot water machines, well made and easy to operate. Owing to the satisfactory operation and the moderate price at which they are sold, there are probably more Buckeye Incubators in use today than any other make. These machines are sold under an absolute guarantee, and with good treatment will last for years They are so simple that a beginner can operate them without any previous experience. These Incubators are equipped with every desirable device that can possibly add to Incubator efficiency and are pronounced by experts to be the world's best hatchers.

NOTE—All Incubators and Brooders are sold for cash only. Under no conditions will we open any account in this department, so customers will please send cash with order.



Buckeye Style E, 60–Egg Incubator.

Buckeye Incubators.

	Weight Crated	Price
Buckeye, Style E, 60-egg size	75 lbs.	$ 7.50
Buckeye No. 1, 110-egg size	110 lbs.	18.00
Buckeye No. 2, 175-egg size	135 lbs.	23.00
Buckeye No. 3, 250-egg size	200 lbs.	30.00
Buckeye No. 4, 350-egg size	230 lbs.	35.00

Anybody can hatch chicks with a Buckeye. Special Catalogue mailed to any address on request.

Buckeye Brooders.

We have in stock the following styles on which we are making very low prices f. o. b. Memphis.

Buckeye No. 2 Outdoor Heated Brooders	$ 6.00
Buckeye No. 3 Indoor Lampless Brooders	3.00
Buckeye No. 4 Outdoor Lampless Brooders	4.00
Buckeye No. 5 Indoor Lampless Brooders, 25-chick size	1.50
Buckeye No. 6 Indoor Lampless Brooders, 50-chick size	2.50

Buckeye Gas Heaters.

For Incubators and Brooders.

A gas heater can be substituted for the oil lamp on Buckeye or any other style of Incubators or Brooders. It is economical and clean. It requires no attention and can be attached to any gas burner. A piece of rubber gas tubing does it. **Price, $1.00 complete; parcel post paid.**

Buckeye Incubator Extras.

Buckeye Incb. Thermometers, each	$ .50	**By parcel post**	$ .60
Buckeye Incb. Thermometer holders, each	.10	**By parcel post**	.15
Buckeye Incb. Lamp Bowls, ...each	.50	**By parcel post**	.65
Buckeye Incb. Lamp Burners, each	.35	**By parcel post**	.40
Buckeye Incb. Lamp Chimneys, each	.35	**By parcel post**	.45
Buckeye Incb. Ad. Rod and Set Screw, each	.30	**By parcel post**	.35
Buckeye Egg Testers.....each	.30	**By parcel post**	.35
Buckeye Incb. Lamp Wicks....doz.	.30	**By parcel post**	.40

Other parts quoted on request. When ordering lamp bowls always give height and width of the old lamp.

All Metal Oat Sprouters.

Well made, all metal, can't rot or catch fire; easy to operate. The round style comes with sections. You can get extra sections or as many as you desire at any time. **Price, 1 base section, 1 top section, 1 sprouting section. Complete for $6.00. Extra sections, each, $1.50.**

Close to Nature Double Quick Oat Sprouter.

Insulated double walled, heat retaining, automatic moisture producing, economical, convenient and scientifically built for producing a crisp, snappy, succulent growth of sprouts in a very short time with little attention and no trouble.

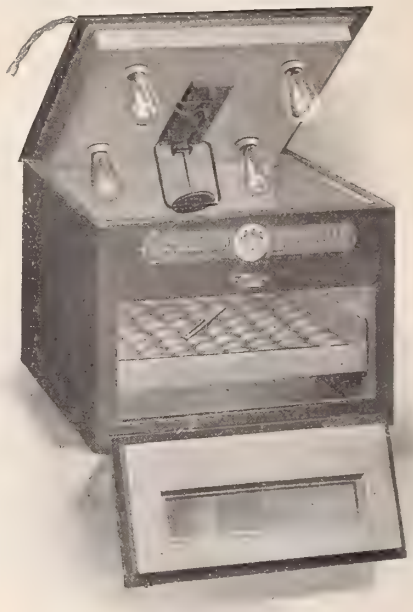
No. 1—For 50 hens, holds 1-5 bushel.....each,	$ 5.50
No. 3—For 100 to 150 hens, holds ¾ bushel.....each,	9.50
No. 4—For 200 to 250 hens, holds 1½ bushels.....each,	14.00

All f. o. b. Memphis. Furnished complete with Lamp, Thermometer and Director. Write for catalogue, giving full description, etc.

Ajax Vitalizers.

Get big hatches by adding one of these machines on your incubator. Every time the Ajax Vitalizer is used it will more than pay for itself. More chicks, better chicks and more profit; it's the one thing that will make success possible. This instrument used on any incubator will prevent white diarrhea. By using the vitalizer, you supply the needed oxygen while the chicks are hatching in the incubators. **Price, complete, $3.00. By parcel post, $3.50.**

We supply extra cartridges, each, 50c. By parcel post, 60c.



Standard Lo Glo No. 1 Electric Incubator.

The Standard Lo Glo Electric Incubator.

The method that eliminates chance and insures bigger hatches of healthiest chicks. The secret of the Lo Glo Electric Incubator is in the perfect control of the temperature, ventilation and moisture; elimination of labor and economy of time. These Incubators are automatic in operation—the very instant the temperature rises a quarter of a degree above the point at which you have set the thermometer the circuit is broken automatically and the current is shut off from the lights controlled by the circuit-breaker; and when the temperature falls below the point at which the machine was set the light softly glows again, thus with scientific precision the temperature is kept under absolute control. The Lo Glo Brooders are operated on the same plan. Don't fail to get descriptive and complete catalogue of these new Electric Incubators and Brooders. Prices as follows

No. 1— 50-egg Lo Glo Electric Incubator	$13.50
No. 2— 80-egg Lo Glo Electric Incubator	18.00
No. 3—160-egg Lo Glo Electric Incubator	26.00

F.O.B. Factory. Samples shown at our retail store.

Standard Lo Glo Electric Hover.

No. 1— 50-chick Lo Glo Electric Hovers	$4.00
No. 2—100-chick Lo Glo Electric Hovers	6.00

Practical Trap Nest.

Works easy and certain, if set properly. They never fail to operate. **Price, 2-nest size, $1.00 each; 3-nest size, $2.00 each.**

Reliable Pedigree Trap Nests.

Works perfectly. One of the best style Trap Nests on the market. **Price, $1.25 each.**

Mann's Green Bone Cutter.

The standard bone cutter; easily adjusted; self-feeding. Send for illustrated catalogue of the Mann's machine. **No. 5BM, with stand, $10.00; No. 7 Mill, on iron stand, $11.50; No. 7½, semi-power, $14.00.**

Humphrey's Green Bone Cutter.

This is one of the leading bone cutters on the market. Ask for catalogue fully describing Humphrey's Bone Mill. **No. 1, hand power Cutter, $10.50; No. 2½, semi-power, each, $14.00.**

Stover's Dry Bone and Shell Mill.

It is the best thing for grinding dry bone, oyster or clam shells, coarse grains like corn, charcoal, etc. **Price, $5.50.**

Red Chief Grist Mill.

A good strong, reasonable price mill; easily adjusted for grinding coarse or fine. **Price, $2.50 each. By parcel post, $3.10.**

Black Hawk Grinding Mill.

A most useful and substantial grinding machine for poultrymen as well as for farm and family use. **Price, $3.00 each. By parcel post, $3.60.**

Model Grinding Mill.

One of the best all-round mills yet produced. They are designed for grinding wheat, making graham flour and corn meal for family use. Grinds feed, either fine of coarse, for chickens; also shells, roots, salt, charcoal, etc. Capacity about as follows, depending on the condition of grain and fineness: No. 1, ½ to 1 bushel per hour; No. 2, ¾ to 1½ bushels per hour; No. 3, 1 to 2 bushels per hour.

Prices and Sizes.

No.	Height.	Weight.	Price.
1.	13 in.	20 lbs.	$2.50
2.	16 in.	35 lbs.	4.45
3.	18½ in.	63 lbs.	6.40

Houghton's Wire Egg Carriers.

No. 1—Holds 6 dozen eggs; each $1.00 By parcel post $1.20
No. 2—Holds 9 dozen eggs; each.. 1.25 By parcel post 1.45
No. 3—Holds 15 dozen eggs; each.. 1.50 By parcel post 1.75

Houghton's Wire Egg Turner.

Well made and especially for turning eggs conveniently. **180-egg size, each, $3.50; 336-egg size, each, $4.50.**

Wood's Revolving Egg Turners.

We have these in two sizes. **150-Egg Turners, each, $2.50; 288-Egg Turners, each, $4.00.**

Improved Automatic Chick Greaser.

Saves the chicks from vermin. The chicken its own doctor. Will grease 100 chickens in a few minutes. Kills mites, fleas, lice and red bugs. The chicken, while eating out of the pan, rubs against the wick, greasing itself; you don't catch them. Put melted lard in the tank and feed in the pan, set pan in the yard among the chicks, and see how quick it works; the chicken and wick come together and the vermin are killed. **No. 1 Machine, for 50 chicks, 75c. By parcel post, $1.00.**

Banner No. 7 Root Cutter.

Cuts roots and vegetables into fine chicken feed. Weight, 50 pounds. **Each, $4.00.**

Maryland Lever Feed Cutter.

Strong, cheap and durable. Knife 11 inches. Weight 50 lbs. **Price, each, $4.00.**

Stearne's Clover Cutter.

Cuts fast and fine. It's always in order; nothing about it to break. **Price, each, $3.50.**

Successful Metal Sanitary Brood Coop.

Rat, Mink, Weasel, Mite and Rain Proof. The farmer's wife has long been wanting the brood coop which was neat in appearance, light in weight, consequently easy to move from place to place, easy to clean, thoroughly rainproof and so constructed that rats, minks and weasels cannot get at the brood.

No. 1—17½x23 in., 16 inches high.....each, $1.75
No. 3—23½x29 in., 18 inches high.....each, 2.00

The Ajax Vitalizer.

It supplies oxygen to the egg chamber of the incubator.
It prevents "dead in the shell" chicks.
It will increase the hatch from 25 to 40 per cent.
It will produce MORE and BETTER chicks.
It MORE than pays for itself EVERY SEASON.
It makes chicks—when properly brooded—immune from White Diarrhea.

Price, $3.00 each. By parcel post, $3.50. Extra cartridges, 50c each. By parcel post, 60c each.

307 Chicks From 307 Eggs. Read—Sworn Proof.

F. J. Russell, Breeder of High Class Poultry.

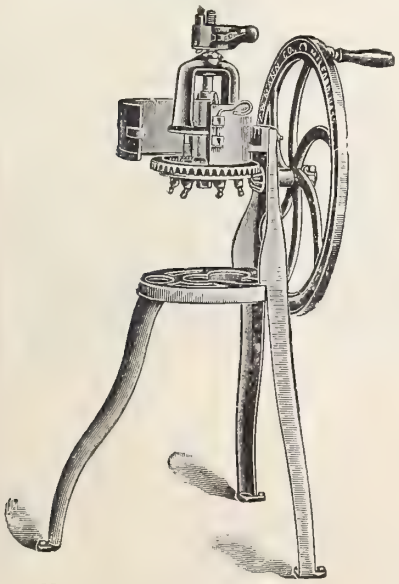
Summerdale, N. Y., July 12, 1912.

Reliable Poultry Specialty Co.

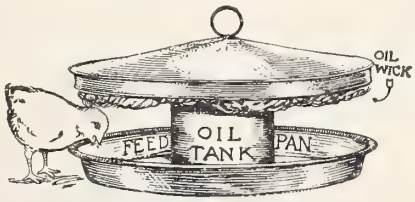
Gentlemen—It affords me much pleasure to furnish you with a report of my work with your AJAX IMPROVED OXYGEN VITALIZER for 1912. From my first hatch, I secured a big, strong chick from every egg but two. On the second hatch a chick from every egg but six, and on my third hatch of the season **307 chicks** from **307 fertile eggs.** I cannot speak too highly of the great worth of this truly wonderful device, and I heartily recommend it to all poultrymen and poultrywomen throughout the world.

With best wishes, I am, Very sincerely yours,
MRS. F. J. RUSSELL,

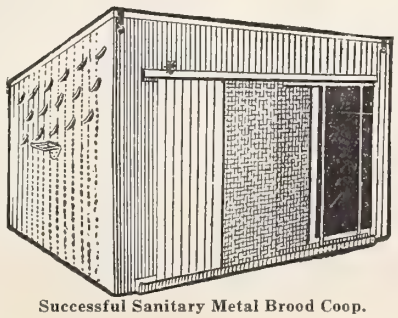
Sworn to before me this 12th day of July, 1912.
C. R. CIPPERLY,
(Seal) Notary Public.



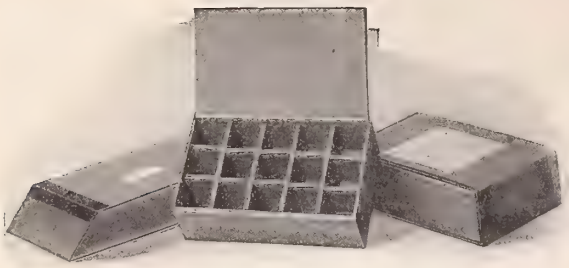
Mann's No. 7 Green Bone Cutter.



Improved Automatic Chick Greaser.



Successful Sanitary Metal Brood Coop.



Anderson 15–Egg Shipping Box.

Anderson Egg Boxes.

Similar to the Eyrie, but shipped in flat, saving freight or express charges.

15-Egg size, 15c; 12 for $1.50;. By parcel post, 20c; 12 for $1.90
30-Egg size, 25c; 12 for 2.60; By parcel post, 35c; 12 for 3.00
50-Egg size, 35c; 6 for 1.85; By parcel post, 45c; 6 for 2.25
100-Egg size, 60c; 6 for 3.00; By parcel post, 70c; 6 for 3.50

Eyrie Egg Box.

For shipping settings of eggs. Made from jute board and partitioned off with double-faced corrugated paper.

15-Egg size, 20c; 12 for $1.80. By parcel post, 25c; 12 for $2.20
30-Egg size, 25c; 12 for 2.70. By parcel post, 35c; 12 for 3.10

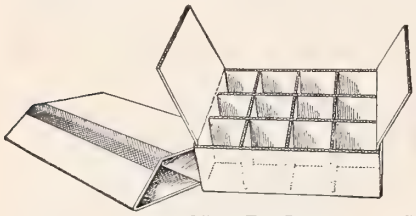
Sefton Live Chick Shipping Box.

How have you been shipping your little chicks? Why not use an up-to-date box, made especially for them? We have that box. It is made from corrugated paper as the Anderson Egg Box. For shipment it is folded flat, but can be easily set up and made ready for use.

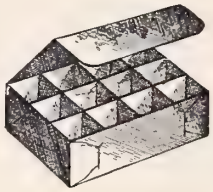
25-Chick size boxes.....each, 20c; doz., $1.70
50-Chick size boxes.....each, 25c; doz., 2.30
100-Chick size boxes.....each, 35c; doz., 3.90

By Parcel Post.

25-Chick size boxes.....each, 27c; doz., $2.00
50-Chick size boxes.....each, 35c; doz., 2.30
100-Chick size boxes.....each, 45c; 6 for 2.40



Parcel Post Egg Box.



Strawboard Paper Egg Box.

Parcel Post Egg Box.

This shipping package is so constructed that each egg is separated by a thickness of corrugated board, and the entire contents are surrounded by a double wall of air-cushioned corrugated board. **Price, 1 doz. egg size parcel post box, per doz., 75c. By parcel post to your address, doz., 90c. Price, 2 doz. egg size parcel post box, per doz., $1.00. By parcel post to your address, doz., $1.25.**

Strawboard Paper Egg Boxes.

These are intended for delivering eggs to consumers. Hold one dozen each. **Price, 20c per doz. boxes; 50 for 70c; 100 for $1.25. By parcel post, 12 for 27c; 50 for 95c; 100 for $1.65.**

The Quality Egg Carton.

For delivering eggs to customers. Cannot be used for shipping. Shaped long, two rows, holding six eggs each; strong, well locked. **Price, doz., 25c; 50 for 75c; 100 for $1.50; 1000 for $13.60. By parcel post, doz., 35c; 50 for $1.00; 100 for $1.85.**

Empire Exhibition Coop.

Extra quality, complete in every way. Stronger than the general make of coops.

Style AA—1 Compartment, f.o.b. Memphis, each.....$3.25
Style C —2 Compartments, f.o.b. Memphis, each..... 4.75
Style H —For Pens, f.o.b. Memphis, each 5.50

Gem Exhibition Coop.

A thoroughly satisfactory exhibition coop that embodies the qualities of durability, neatness and practicability; has been much in demand. These coops are shipped "knocked down." **No. 2 or double coop, $2.50, f.o.b. Memphis.**

The Gem Shipping Coop.

Made of heavy material, close slatted top and side. Unexcelled for shipping fancy fowls; has side ventilation.

No. 13—15x20 ins., 20 ins. high.....each, 35c; doz. $4.00
No. 14—20x24 ins., 20 ins. high.....each, 50c; doz. 5.50
All f.o.b. Memphis.

The Eyrie Shipping Coop.

Shipped flat and so simple in construction a child can set them up. **Prices:**

No. A. Size 12x16x18, will hold 2 fowls, each.....$ .35
No. B. Size 12x18x22, will hold 3 fowls, each..... .45
No. C. Size 12x22x22, will hold 4 fowls, each. ..... .55
No. D. Size 20x22x22, will hold 5 fowls, each..... .65
No. E. Size 20x24x22, will hold 6 fowls, each..... .75

By parcel post, No. A, each 45c; No. B, each 55c; No. C, each, 70c; No. D, each, 80c; No. E, each, 90c.

Excelsior Rod Top Returnable Wood Coops.

Very similar to the plain shipping coop above, excepting the half-top is made of hardwood, same being operated by turning rod to close or open the coop. **Prices, knocked down:**

1-Bird Rod Top Coop, f.o.b. Memphis, each .....$ .60
3-Bird Rod Top Coop, f.o.b. Memphis, each ..... .80
5-Bird Rod Top Coop, f.o.b. Memphis, each 1.00

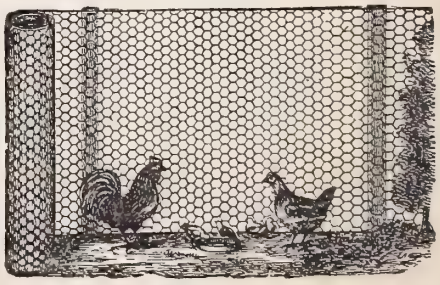
Excelsior Wooden Shipping Coop.

Excelsior Wood Shipping Coops.

Well made ends and sides, cleated, having opening at top for ventilation. All parts bundled separately and can be set up very easily. Made of 3/16 poplar and gum.

Price, 1-Bird Excelsior Coop, f.o.b. Memphis, each .....$ .35
Price, 2-Bird Excelsior Coop, f.o.b. Memphis, each ..... .50
Price, 3-Bird Excelsior Coop, f.o.b. Memphis, each ..... .60
Price, 5-Bird Excelsior Coop, f.o.b. Memphis, each ..... .75

Galvanized Wire Poultry Netting.



We furnish Poultry Netting in large and small meshes; 150 feet in a roll. We do not break rolls or sell less than original package. The following prices are f.o.b. Memphis:

Two-Inch Mesh.

1 foot high, per roll of 150 feet $1.00
2 feet high, per roll of 150 feet 1.50
3 feet high, per roll of 150 feet 2.10
4 feet high, per roll of 150 feet 3.00
5 feet high, per roll of 150 feet 3.75
6 feet high, per roll of 150 feet 4.25

One-Inch Mesh.

2 feet high, per roll of 150 feet $3.50
4 feet high, per roll of 150 feet 7.50
5 feet high, per roll of 150 feet 9.00

Wire Hen's Nest.

These nests are intended to be fastened with screws or screw hooks—if wanted removable. They afford no place for vermin and allow the air to circulate freely, advantages not obtained when wooden boxes are used. They are intended to be filled with straw, which can be readily removed, **Each, 20c; doz., $2.00. By parcel post, each, 35c; six for $1.50.**

Clay Pigeon Nests.

Made of high-grade and valuable clay, terra cotta in color. Diameter 8 inches. **Each, 15c; 2, 25c; doz., $1.20; 100, $9.00, f.o.b. Memphis.**

Chapman's Picking Frame.

Is the only practical device ever invented to facilitate the plucking of poultry. You cannot realize the benefit of this frame until you have picked a bird with it. It converts a very disagreeable job into an interesting pleasure. **Price, $1.25. By parcel post, $1.60.**

Leg Bands.

Champion Leg Bands—This aluminum band is made in one piece, adjustable to fit any fowl. Held by double lock; it is impossible for them to lose off. Numbered from 1 to 200. **Price, 25 for 25c; 100 for 75c, parcel post paid.**

Reliable Copper Leg Band—Doz., 15c; 100, 60c, parcel post paid.

Pigeon Leg Band—Doz., 25c; 100, $1.50, parcel post paid.

Smith Sealed Leg Bands—Doz., 25c; 25, 40c; 100, $1.50, parcel post paid.

Smith Sealers—Made especially for using on Smith Leg Bands. **Each, 60c, parcel post paid.**

TRADE

PERFECTO

MARK

SPIRAL LEGBANDS

Made in many different colors—red, green, blue, yellow, pink, white, etc. Will last a lifetime. Put on and taken off easily and quickly. Slip on just like a key ring; no tools required. Will not come off; fowls cannot lose or remove them. Made in all sizes. State for what breed you want the bands.

Price	**12,**	**$ .20.**	**By parcel post, $ .25**
Price	**25,**	**.35.**	**By parcel post, .40**
Price	**50,**	**.60.**	**By parcel post, .65**
Price	**100,**	**1.00.**	**By parcel post, 1.10**

Pettey Poultry Punch.

Cuts clean hole with ease. **Price, 25c, parcel post paid.**

Philadelphia Poultry Marker.

Well made, cuts very easily. Made in one size. **Each, 15c, parcel post paid.**

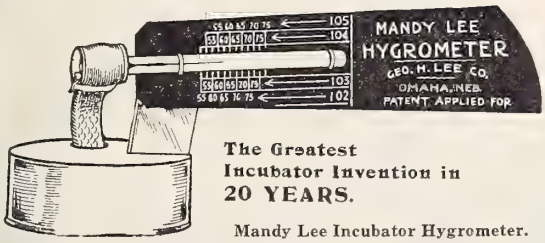
Pilling Duplex Poultry Punch—Reversible and cuts two sizes, thus giving you two tools for the price of one. **Price, 25c, parcel post paid.**

Rogers Spring Punch—A strong, well made, durable punch that is convenient to use and makes a clean cut hole in the web. **Price, each, 50c, parcel post paid.**

Philadelphia Caponizing Set—With the proper instruments, caponizing is a simple lesson, wholly mastered by a few minutes' study. This outfit is very complete. **Price, $2.75, parcel post paid.**

Brooder Thermometer.

Champion Leg Band.



The Greatest Incubator Invention in 20 YEARS.

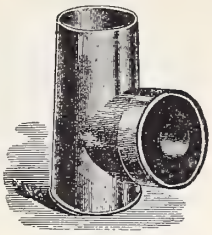
Mandy Lee Incubator Hygrometer.

Mandy Lee Hygrometer.

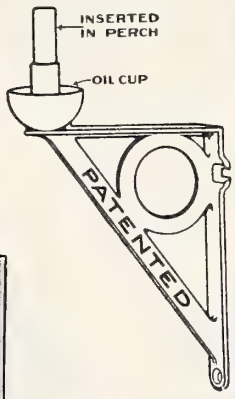
Registers accurately the percentage of moisture in the egg chamber, and directions that go with it show absolutely what percentage of moisture is needed during each day of incubation and how the desired amount may be maintained, regardless of the humidity of the outer air. Can be used in any incubator. **Price of the Mandy Lee Hygrometer, $2.00 each, parcel post paid. Extra wicks, 10c each, 3 for 25c.**

Tycos Incubator Hygrometers.

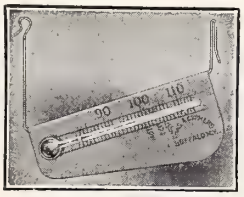
Millions of chicks die in the shell every year for the want of proper moisture conditions. The importance of a correct percentage of moisture during incubation has made the "Tycos" Incubator Hygrometer as necessary as the "Tycos" Incubator Thermometer. Neither takes the place of the other, but together they give the practical poultry raiser all the facts required for successfully regulating the heat and moisture of an incubator. **Price, each, $1.00. By parcel post, $1.10.**



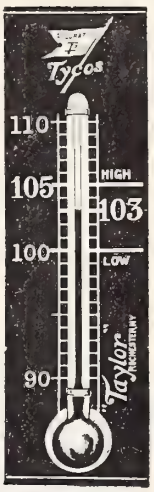
X-Ray Egg Tester.



Eureka Oil Cup Bracket Perch Support.



No. 5774.
Incubator Thermometer



No. 5780, Incubator Thermometer.

Incubator and Brooder Thermometers.

	Each.	Par. Po.
Mandy Lee Incubator Thermometer	**$ .75**	**$ .90**
Prairie State Incubator Thermometer	**.60**	**.75**
Cycle Hatcher Incubator Thermometer	**.50**	**.60**
Buckeye Incubator Thermometer	**.50**	**.60**
Schwill's Tycos Thermometer, No. 5780	**.50**	**.60**
Schwill's Tycos Thermometer, No. 5774 (without wire)	**.50**	**.60**
Schwill's Tycos Brooder Thermometer, No. 5792	**.35**	**.45**
Wires for Hanging Thermometers	**.10**	**.15**

X-Ray Egg Tester.

Designed for use on an ordinary hand lamp and fits over any style burner with a diameter approximately that of the tester. **Each, 25c. By parcel post, 35c.**

Magic Egg Tester.

Designed especially to show before incubation which eggs will give to the germ the greatest strength and most complete nourishment, so that eggs having weak germs may be rejected. Get a Magic Tester in time, so as to be able to tell when hens lay fertile or infertile eggs. Complete circulars on request. **Price, each, $2.00, parcel post paid.**

Eureka Oil Cup Bracket Perch Support.

This will get rid of mites and lice. Sure death; never fails. You keep the cup full if oil, Zenoleum, or Carbolineum, and the little pests drown or keep away. **Price, Bracket Perch Support, each 25c; 2, 45c; 12, $2.50. By parcel post, each, 35c; 2 for 60c.**

Special Incubator Wicks.

Red Felt Wick—They burn brighter, last longer and give more uniform blaze. Especially made for Incubators and Brooders. **We have them in 3 sizes, for No. 1, No. 2 and No. 3 burners. Price, 30c per doz. By parcel post, 40c per doz.**

Incubator and Brooder Lamps.

	Each.	Par. Po.
No. 1 Lamp Bowls	**$ .60**	**$ .75**
No. 2 Lamp Bowls	**.65**	**.80**
No. 3 Lamp Bowls	**.75**	**.90**
No. 1 Lamp Burners	**.35**	**.40**
No. 2 Lamp Burners	**.40**	**.50**
No. 3 Lamp Burners	**.50**	**.60**
Atsatt's Safety Brooder Lamps	**1.00**	**1.15**
Oakes Hydro Safety Brooder Lamp No. 1	**1.00**	**1.15**
Oakes Hydro Safety Brooder Lamp No. 2	**1.25**	**1.40**
Oakes O. K. Burner No. 2	**.45**	**.50**
Oakes O. K. Burner No. 3	**.60**	**.70**

Grit Boxes, Hoppers, Etc.

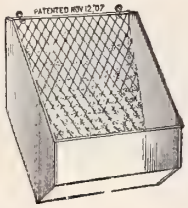
Automatic Feeders. The grit, shell, etc., comes down into the feeding space as fast as the fowls require them.

The National Dry Food Hopper.

Impossible to clog is a strong feature in favor of this hopper. How often do you find your feed clogged? This hopper eliminates all that trouble. Another most important feature which is overlooked by most poultrymen is to allow rats or mice to contaminate the food. Fowls do not relish feed that mice have been running over. With this hopper just turn the button and the feed is closed, away from everything until opened in the morning, or any part of the day desired. Mash, grain, beef scrap, etc., is all fed to this hopper with absolutely no waste. **Price, small size, No. 1 Hopper, each, 60c; medium size, No. 2 Hopper, each, 75c. By parcel post, No. 1 Hopper, 85c; No. 2 Hopper, $1.00.**

I. X. L. Dry Food Hopper.

Will feed mash, beef scrap or grain of any size without any waste whatever. Made in two sizes. No. 1 is made only with one compartment, holding one full peck. No. 2 is made with two compartments, holding ½ bushel. **No. 1, 75c; No. 2, $1.25. By parcel post, No. 1, $1.00; No. 2, $1.60.**



Large Boston Dry Food Hopper.

Beef Scrap and Dry Food Hopper.

Beef Scrap and Dry Food Hopper.

This hopper is made of heavy galvanized iron, with lid, handle, sloping bottom and extra deep apron, with guard. It will feed beef scrap and dry mash, articles that every user of hoppers knows are difficult to feed. **Each, 75c. By parcel post, $1.00.**

The Boston Dry Food Hopper—Rat Proof.

These hoppers are absolutely automatic and positive in their action. They cannot clog; they do not waste. They are made of galvanized iron with swinging grid (mesh) and hold from ½ peck to ½ bushel, respectively, and will last a lifetime.

Chicken Hopper—Small, for small brooders, **75c. By parcel post, $1.00.**

Small Hopper—Holds 8 quarts, for beef scraps, shells, grits, charcoal, **90c. By parcel post, $1.20.**

Large Hopper—Holds 16 quarts, for dry mash feed for hens, **$1.00. By parcel post, $1.40.**

Atsatt Feed Pan.

Sizes 2¾ inches deep, 6 inches wide, 18 inches long. A flat pan made of heavy galvanized iron. **Price, 35c. By parcel post, 50c.**

Atsatt Galvanized Poultry Feeder.

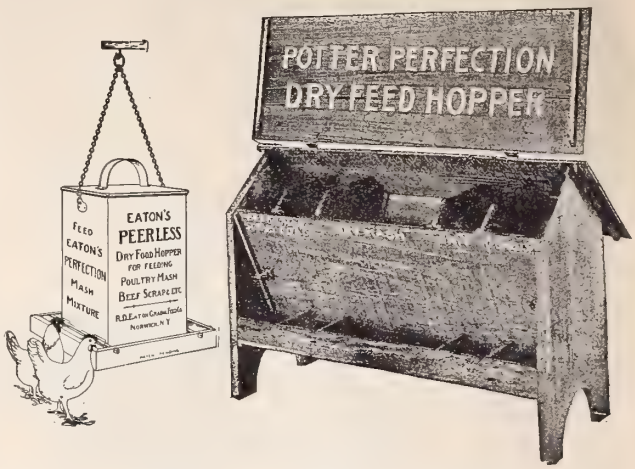
Made with hinged guard to keep fowls from wasting the feed; can be used for mash or any dry grain feed. The tapering guard keeps birds from roosting or setting on top of the feeder. The pan is 18 inches long, 6 inches wide and 3 inches deep, and holds 4 quarts. It is well made, strong and durable. **Price, 50c each. By parcel post, 70c.**

Dandy Hoppers.

Galvanized iron. Convenient in every way. **Each, 8 qt., 70c; 16 qt., $1.00. By parcel post, 8 qt., 95c; 16 qt., $1.40.**

Peerless Dry Food Hoppers.

Made in three sizes. **8 qt., each, 75c; 16 qt., each, $1.25; 32 qt., each, $1.75. By parcel post, 8 qt., $1.00; 16 qt., $1.60; 32 qt., $2.10.**



The Potter Perfection Hopper.

Well made, durable and convenient. Feeds both sides. One very marked point of superiority of this Hopper over anything else in this line is that it feeds from both sides. The fowls will not crowd, quarrel and pick each other when feeding at the Perfection Hopper, because they have plenty of room. Holds 24 quarts. **Price, each, $2.50, f.o.b. Memphis.**

Atsatt Wall Feed Pan.

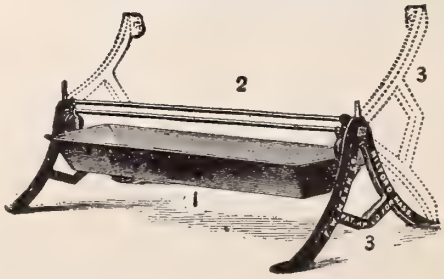
For feeds, grit, shell, bone, charcoal, water, etc. Hangs on two nails. Easy to clean. Saves waste. Always out of the way. Wet or dry feeds. Chicks cannot roost on it. Hangs high or low. Made of galvanized iron; 23 inches long, holds three quarts. Practical and cheap. **Each, 35c; doz., $4.00. By parcel post, 50c.**

Simplex No. 1 Faultless Poultry Hopper.

Here we have an automatic feeder at a reasonable price, only $1.00. Think of it; now every one can afford one of these splendid devices. Constructed to fill a long-felt want for a good feeder at a small price. The Simplex Feeder will save work and worry; insures proper feeding, increases egg production, decreases feed bills, scatters the feed thoroughly; it wont clog; made of best grade rust-proof galvanized iron; nothing to break. We firmly believe it is the best automatic feeder on the market and at a small cost. **Price, 8 qt. size, $1.00. By parcel post, $1.25. Price, 16 qt. size, $1.50. By parcel post, $1.75.**

Swinging Feed Tray for Poultry.

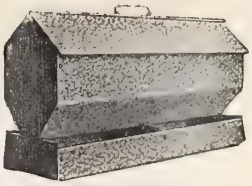
Saves all waste of food. Hens cannot scratch the food out or the dirt in. **18-inch trays, $1.25; 27-inch trays, $1.40; 36-inch trays, $1.60. By parcel post, 18-inch, $1.65; 27-inch, $1.90; 36-inch, $2.00.**



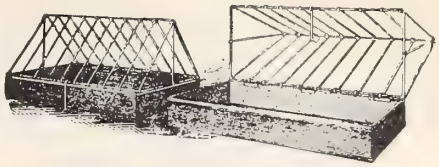
Swinging Feed Tray for Poultry.

Simplex Faultless No. 1 Food Hopper.

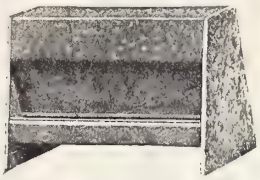
The Improved Norwich Automatic Exerciser and Feeder.



Acme Patent Chick Feeder



Reliable Metallic Feed Trough.



All Metal Automatic Chick Feeder No. 58.

Improved Norwich Automatic Exerciser and Feeder.

The new style has adjustable legs, adapted for feeding baby chicks. Fill the hopper with any dry grain feed, or any mixture of dry grain feed, and the revolving feed bar with wheat or cracked corn. Stand the Norwich Automatic Exerciser and Feeder anywhere in the yard, pen or house, and put any kind of litter under machine. Adjust valve to feed desired quantity. **No. 1, 8 qt., each, $2.50; No. 2, 14 qt., each, $3.25; 20 qt., $4.50. All f.o.b. Memphis.**

Reliable Metallic Feed Troughs.

Will save from 10 to 25 per cent in soft food. They have wire guard to keep fowls from wasting the feed. **Each, 90c. By parcel post, $1.15.**

Wooden Feeding Troughs.

Long and convenient. A handy arrangement for feeding all kinds of mash or grains. **Two sizes, 20c and 30c each. By parcel post, 35c and 50c.**

Atsatt's Chick Feeder.

"They cannot get into it." Therefore, clean food. The top removes easily for cleaning. Springs back into place. Can be used for either wet or dry feed or for water. Cannot rust. Made for any brooder, but does not take up much space. Size, 10 inches long, 4 inches wide. Just the thing for your brooder. **Each, 25c. By parcel post, 35c.**

Cycle Galvanized Iron Food Hopper.

Upright in shape with lip for feeding; takes up but little space. **Price, 2 qt., 25c. By parcel post, 35c.**

All Metal Automatic Chick Feeder No. 58.

Made from galvanized steel, is 8 inches long and constructed for service. Keeps just the right amount of feed in the trough and keeps it clean. **Price, each, 35c; 3 for $1.00. By parcel post, each, 50c.**

Hodgkin's Galvanized Iron Grit and Shell Boxes.

They are made with two or three compartments, so as to hold separately shells, grit, charcoal or other food. Made of heavy galvanized iron, they will last for years. **Three compartments, each, 50c. By parcel post, 70c.**

Acme Patent Chick Feeder.

Easily accessible for little chicks. Made so that the grown fowls cannot get at the feed. **Each, 2 compartments, 40c; 3 compartments, 60c. By parcel post, 60c and 85c.**

Hodgkin's Galvanized Iron Brooder Feed Box.

This little device is especially adapted for brooder use. Seven inches high, with cover, two compartments for grit and charcoal, or can be used for any dry feed. **Price, each, 40c. By parcel post, 60c.**

Atsatt Sanitary Self-Feeding Grit and Shell Box.

Strong and well made. Improved over the old style boxes, being a larger, wider and more accessible pan; 3 compartments, as shown in illustration. **Price, each, 50c. By parcel post, each, 70c.**

Drinking Fountains and Devices

Weldon Non-Freezing Poultry Fountain.

With this Fountain you pour in hot water and it stays hot; pour in cold and it stays cold. It has been proved beyond a question that cold water in summer acts as a tonic, the fowls keep busy and the egg box is full. Warm water in summer enervates the fowl just as well as the intensely hot days make a man listless and not inclined to work. The hot water in winter seems to act as an invigorator, and keeps the fowls warm. This means a great deal to you when food is at the highest notch and eggs bringing 50c a dozen. **Price, 2 gallon size, each, $4.00; 3 gallon size, each, $4.50, f.o.b. Memphis.**

Philadelphia Galvanized Iron Drinking Fountain.

Made of heavy galvanized iron, all seams being carefully turned and soldered. Easily cleaned. **Price, 1 qt., 25c. By parcel post, 35c. 3½ qt., 50c. By parcel post, 65c. 6 qt., 75c. By parcel post, $1.00.**

Delphos Patent Drinking Fountain.

Extra heavy galvanized iron; round top, durable and sanitary; easily cleaned. Indestructible. **1 gal. size, 25c. By parcel post, 40c.**

Perfection Non-Freezing Fountain.

Easy to fill and clean. The heater keeps the water from freezing by the use of a small lamp that is perfectly safe and requires but very little oil. **Fountain with heater and lamp, complete, gallon size, $2.00; 2 gallon size, $2.50. By parcel post, gallon, $2.40; 2 gallon, $3.00.**

Atsatt's Sanitary Galvanized Iron Drinking Fountain.

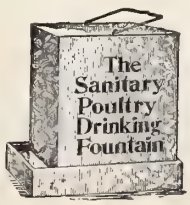
Made of heavy galvanized iron, in two pieces. Easily cleaned. Fowls cannot turn them over. **4 qt., each, 50c; 8 qt., each, 85c. By parcel post, 4 qt., 65c; 8 qt., $1.10.**

Atsatt Sanitary Non-Freezing Poultry Drinking Fountain.

One gallon size, with heater. **Each, $1.25. By parcel post, $1.50.**

Successful Non-Freezing Fountain.

Supplied with heater. **Price, 2 gal. size, $1.50. By parcel post, $1.90.**



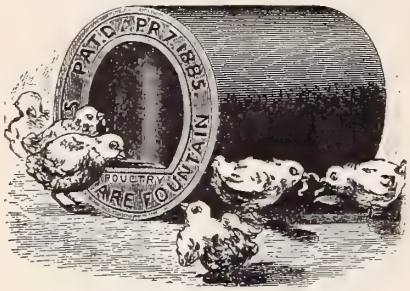
Weldon Non-Freezing Poultry Fountain.

Philadelphia Galvanized Iron Drinking Fountain

Improved Nesco Fountain.

Extra strong, easily cleaned, very convenient.

No. 11, 1 Quart .....each, $ .25. By parcel post, $ .35
No. 12, 2 Quart .....each, .35. By parcel post, .50
No. 14, 4 Quart .....each, .50. By parcel post, .70
No. 18, 6 Quart .....each, .75. By parcel post, 1.00



Stoneware Barrel-Shaped Drinking Fountain.

Round Nesco Fountains.

No. 1, 1 Quart .....each, $ .25. By parcel post, $ .35
No. 4, 4 Quart .....each, .50. By parcel post, .70
No. 8, 8 Quart .....each, .75. By parcel post, .1.00

Stoneware Barrel-Shaped Drinking Fountain.

For any one who desires a crock or earthenware drinking fountain, these founts are not excelled for poultry and pigeons. They keep the water cool and clean and are so manufactured that it is impossible for chicks to get wet or drown while using them. They are easily filled, never tip over and never get out of order. They are nicely finished and made in three sizes. **Prices, ½ gallon size, 25c; 1 gallon size, 35c; 2 gallon size, 50c, f.o.b. Memphis. Cannot be sent by parcel post.**

Wall or Hub Fountain.

A galvanized iron hood projects over the water trough and protects the water from becoming soiled. These fountains are equally serviceable for young chickens or adult fowls, and are especially useful for pigeons. **Each, 1 gal. size, 50c; 2 gal. size, 90c. By parcel post, 1 gal., 70c; 2 gal., $1.25.**

Iron Poultry Drinking Trough.

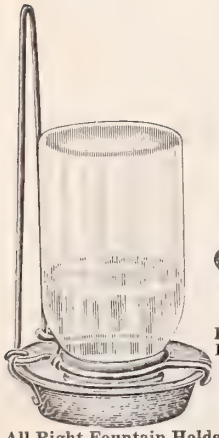
An indispensable article in the poultry yard; heavy, does not turn over; readily cleaned. **Each, No. 1, 7½ ins. long, 25c; No. 5, 19 ins. long, 50c. By parcel post, No. 1, 45c; No. 2, 80c.**

The Norwich Automatic Drinking Fountain.

This new Fountain is of the siphon principle. Can be attached to any keg or emptly butter tub. Send for circulars. **Each, $1.00. By parcel post, $1.10.**

Economy Automatic Feeder and Fountain.

Just the Fountain you have been looking for. It feeds water, grain, grit, oyster shells, etc. Any size Mason glass jar fits it. We do not furnish the jars, as everybody has them on hand, thereby saving the extra expense. **Each, 25c; 6 for $1.20. By parcel post, each 30c; 6 for $1.40.**



All Right Fountain Holder.

Economy Automatic Fountain and Feeder.

Lathrop Sanitary Chick Server.

All Right Fountain Holder.

Can be used with any size bottle, or with pint, quart, or two quart glass jar. **Each, 15c; 2 for 25c; bottle not included. By parcel post, each, 20c; 3 for 50c.**

Lathrop Sanitary Chick Server.

For supplying water and feed to little chicks. Nothing better made. **Each, 25c; 5, $1.00. By parcel post, each, 35c; 5, $1.30.**

Warsaw Automatic Fountain.

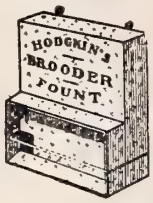
Just the fountain you have been looking for. Any size Mason glass jar fits it. We do not furnish the jars. **Each, 20c; 6 for $1.00. By parcel post, each, 25c; 6 for $1.15.**

Atsatt's Sanitary Chick Drinking Fountain.

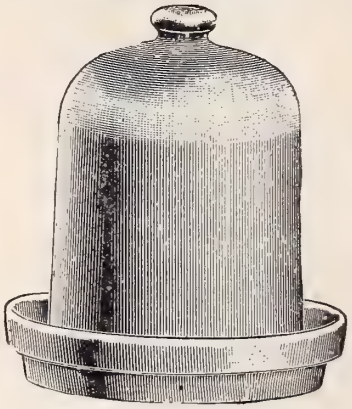
Will go in any brooder; easy to clean; will not upset; not injured by freezing. **1 qt. size, each, 25c. By parcel post, each 35c.**

Hodgkins' Galvanized Iron Brooder Fount.

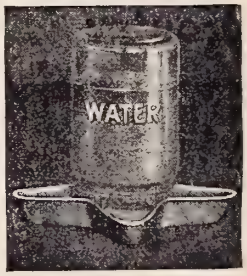
Made of galvanized iron. Six inches high. Hangs at side of brooder. Not easily fouled. Saves room. Easy to fill and keep clean. **Price, each, 40c. By parcel post, each, 55c.**



Warsaw Automatic Fountain.



Stoneware Jug-Shaped Poultry Fountain.



Star Fountain or Feeder.

Star Fountain or Feeder to Fit Mason Jars.

Will fit any Mason jar. Cheap and Sanitary. Special attention is called to the construction of this new star fountain or feeder to fit Mason jars and to the extremely low price which they are being quoted only to introduce them throughout the country. This contrivance will meet with the approval of every poultryman. Being shaped like a star, it allows more chicks to be supplied than with the round pan and furthermore it keeps the contents clean and prevents the chicks from getting into the pan. This base will fit pint, quart or half-gallon Mason jars and can be used for either feed or water for little chicks. The glass top enables you to see the supply at a glance. Made of heavy Terne Plate metal, one size only. **Price, each, 20c; 3 for 50c. By parcel post, each, 25c; 3 for 60c.**

Stoneware Jug-Shaped Poultry Fountain.

It is made in two parts, the saucer being separated from the upper portion, so it can be easily separated and thoroughly cleaned. You will not miss it if you include the Sanitary Fount in your order of Poultry Supplies. **¼ gallon, 30c; ½ gallon, 40c; 1 gallon, 50c; 2 gallon, 75c, f.o.b. Memphis. Cannot be sent by parcel post.**

Mason Chick Server.

A galvanized pan made to hold any Mason fruit jar. Easily cleaned and keeps water always so it can be seen. **Each, 20c; 6 for $1.00; without the bottle. By parcel post, each, 25c; 6 for $1.15.**

Feed or Water Cup.

Used for mating or exhibition coops. **Each, 20c; doz., $2.00. By parcel post, each, 25c.**

Victor Automatic Fountain.

Made to attach to any wooden tub or barrel; works automatic, as the fowls or stock empty the pan it fills itself and shuts off when pan is full. Very durable, being made of cast iron. **Price, each, $1.00. By parcel post, $1.25.**

Hallock Water and Food Holder.

Made in several sizes; deep pan that is supplied with removable guard; easily cleaned, being round it will accommodate 10 or 12 fowls at a time.

1 gallon .....$ .60. By parcel post, $ .80
2 gallon ..... .80. By parcel post, 1.10
3 gallon ..... 1.00. By parcel post, 1.35

Superior Poultry and Chick Feed

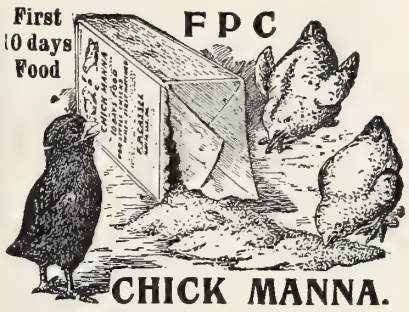
There is nothing more important for success in raising chicks than the right kind of feed. Our special brands are all of the best quality.

The following prices are f. o. b. Memphis, freight or express charges to be paid by purchaser, excepting where prices are noted postage paid.

High Grade Chick Feed

Chamberlain's Perfect Chick Food.

The original dry chick feed; guaranteed in every way. Contains no corn whatever. You are sure to raise the little fellows by feeding Perfect Chick feed. We have it genuine. This is certainly the most perfect chick feed on the market. It is not expensive, considering the high quality of same. Your chicks will not be troubled with bowel troubles if you use this feed. Their growth will be quick and their health perfect. Be sure to order in time, so as to be ready to give this feed for their first meal; then feed nothing else for the first six weeks. At the end of this time they will be in perfect health and ready for coarser grains. **6 lb., carton, 25c; 50 lb. bag, $1.50; 100 lb. bag, $2.50. By parcel post, 6 lb. carton, 45c.**



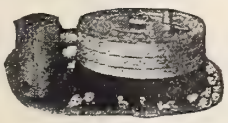
F. P. C. Chick Manna.

Or health Food for Little Chicks. Promotes and preserves health. To the poultry keeper: To produce a food adapted for the first feeding of little chicks and at the same time overcome some of the difficulties attending success in raising chicks profitably, has been the consideration of the manufacturers of Chick Manna. As a result we have placed upon the market a food that has merited the praise and admiration of poultry keepers, comprising a variety of nutritious food and health preserving properties so proportioned and combined as to be peculiarly adapted to promote health, quick growth and strong development. Contains: Granular corn and oats, crackers, wheat middlings, gentiana, zingiber, sulphur, starch, meat and bone. Chicks when first hatched need no food for at least from twelve to twenty-four hours. Chick Manna should be the first food and exclusively fed for ten days. **1 lb. pkg., 10c; 5 lb. pkg., 40c; 15 lb. pkg., $1.10. By parcel post, 1 lb. pkg., 20c; 5 lb. pkg., 60c; 15 lb. pkg., $1.50.**

Conkey's Starting Food For Chicks.

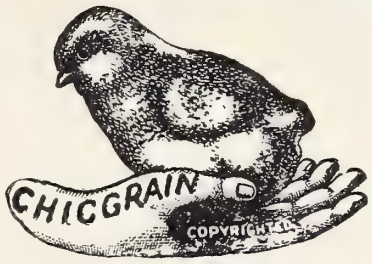
A ready-prepared food for Baby Chicks composed of wheat, middlings, hulled oats, corn, meat, bone, salt, sulphur, iron sulphate, bone ash, etc., all of suitable fineness and proportion. Feed according to directions. You will raise 90 per cent. of those hatched. It is a special starting feed and will avoid much trouble in raising the flock. **1 lb. box, 10c; 3 lb. box, 25c; 6½ lb. box, 50c. By parcel post, 1 lb. box, 20c; 3 lb. box, 40c; 6½ lb. box, 70c.**

Prairie State Portable Hover.



Made of galvanized iron, fireproof. Portable, ventilated and easy to heat. Can be used indoors or outdoors; can be easily cleaned, as it sits directly on the floor. Supplied with a powerful water regulator which controls the temperature. This is the latest brooding device put out by the Prairie State Incubator Co. **Price, complete, $8.50 each.**

Spratt's Chicgrain (Rackham's Formula).



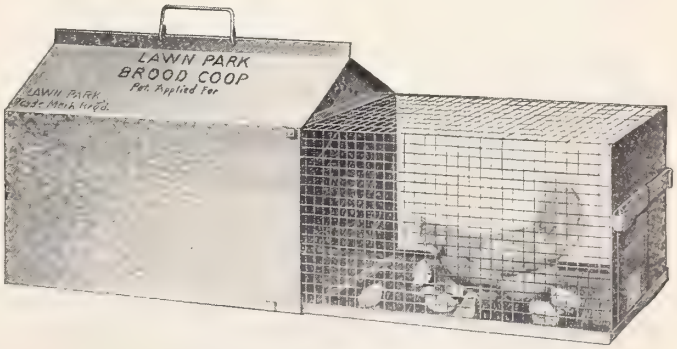
A perfectly balanced semi-cooked partly malted grain, insect and vegetable ration, easily digested and highly nutritious. **5 lb. box, 25c; 10 lb. sack, 45c; 25 lb. sack, $1.00. By parcel post, 5 lb. box, 45c; 10 lb. sack, 75c.**

Spratt's Chick Meal No. 5.

Should be fed to the little chicks from the time they are 30 to 36 hours old. It is easily digested and it will give the young birds a start in life that no other food will. **2 lb. cartons, 25c; 10 lb. bag, 90c; 25 lb. $2.00. By parcel post, 2 lb. cartons, 35c; 10 lb. bag, $1.20.**

Pratt's Baby Chick Feed.

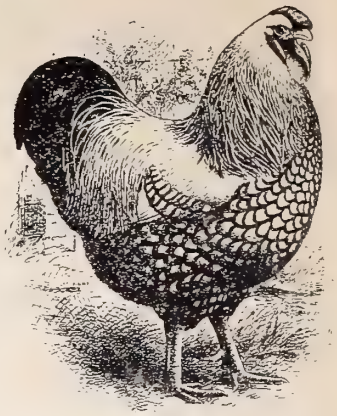
A superlative mixed feed for Baby Chicks. Contains only such grains that are easily digested. This is one of the most scientifically mixed baby chick feeds on the market. **3 lb. box, 25c; 6½ lb. box, 50c; 50 lb. for $3.25; 100 lb. for $6.00. By parcel post, 3 lb. box, 40c; 6½ lb. box, 70c.**



The Lawn Park Coop.

Gives the chicks sunshine, fresh air, grass and protection from all enemies. This coop is made to telescope, therefore affords chicks roving space, yet they are safe. Has removable bottom, makes cleaning easy; sanitary; keeps out lice and mites, and gives ample ventilation. Size coop, closed, 18x24 inches; when open, with park extended, 18x48 inches. **Price, each, $2.50, f.o.b. Memphis. In lots of 6, $13.50, freight paid to your railroad station.**

Hen Feed, Mash Feed, Etc.



Red Comb Poultry Feed.

Composed of choice grains and seeds, carefully selected as regards purity, cleanliness, sweetness and freshness, and are mixed with such care that each mixture is a scientifically balanced ration for the purpose for which it is intended. They stand preeminent in the realm of poultry foods today. The Red Comb Feeds are extra select quality; they contain no grit or shell to make weight; try them and you will use no other.

Red Comb Poultry Feed—For grown fowls; is composed of choice grains, seeds and charcoal. A clean, bright, balanced ration for general use. As a scratch feed is unequaled. Made with or without grit and shells. **10 lbs., 25c; 25 lbs., 60c; 100 lbs., $2.25. By parcel post, 10 lbs., 50c.**

Red Comb Fine Chick Feed—Composed of cracked grains, seeds and charcoal. Highly nutritious, easily digested and especially suited to the tender digestive organs of the little chick. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Red Comb Coarse Chick Feed—A developing food composed of whole grains and seed of the highest quality and especially adapted to the growing period, and when used insures a strong and rapid growth. This feed also contains charcoal. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.40. By parcel post, 6 lbs., 45c.**

Red Comb Meat Mash—A mash feed prepared expressly for egg production, being very rich in egg-making elements. This mash is unsurpassed as a winter egg-maker. It is the most wonderful feed in the world for making hens lay in cold weather. Can be fed dry or wet. Packed in 50-lb. and 100-lb. bags, full weight. **8 lbs., 25c; 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.25. By parcel post, 8 lbs., 50c.**

Pound Squab Pigeon Feed.

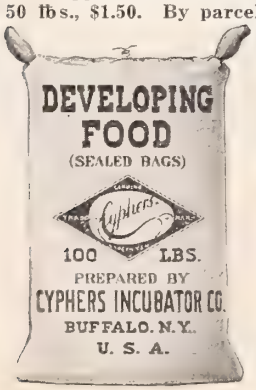
Composed of the very best hard red winter wheat and other grains and seeds of equal quality. It is very strong in muscle and bone-making elements and is so perfectly balanced that no organism is neglected. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Schwill's Crescent Hen Feed.

One of the very best poultry grain mixtures now offered a discriminating purchaser. It is conceded and goes without saying that fowls do their very best on mixed grains. Why not purchase Crescent Brand when it can be had at as low a price as is asked for an inferior mixture? Crescent is a grand ration for growing pullets, as well as laying fowls. Our trade can rely on getting from us a uniform product, always satisfactory as to quality. Not a pound of waste to a ton. **100 lb. sack, $2.10; 500 lbs., $10.00; ton, $39.00.**

Chamberlain's Perfect Evergreen Clover Meal.

Is as green as grass, and when mixed in mash feed is one of the greatest egg producers known. For hens that are penned up in the breeding season or any other time of the year, the evergreen clover is just the thing to feed them, as it supplies your hens with egg-making material, and your eggs will be fertile and your chicks strong. **5 lbs., 25c; 50 lbs., $1.50. By parcel post, 5 lbs., 40c.**



Cyphers Sealed Bag Poultry and Chick Feed.

We are now carrying a complete stock of the celebrated Cyphers Sealed Bag Poultry and Chick Feeds. They are always made right; clean, bright grain, properly mixed. Be convinced; try them now.

Cyphers Scratching Grains—For large poultry; made right, of mixed wheat, kaffir corn, cracked corn, buckwheat, sunflower seed, etc. You will get value received and best results in using Cyphers Sealed Bag Scratching Grains. **10 lbs., 25c; 100 lbs., sealed, $2.25. By parcel post, 10 lbs., 50c.**

Cyphers Chick Feed—A complete, scientifically compounded food for young chicks. A mixture of many different grains and seeds, so proportioned to the needs of the growing chick that it will be fully nourished. We have the genuine in original sealed bags. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Cyphers Developing Food—A special food intended for properly maturing young chicks after they are ready to be weaned from chick feed. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Cyphers Laying Egg Mash—A complete mash food. Strong in albumen and egg-making properties. **8 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 8 lbs., 50c.**

Cyphers Forcing Food—A mash food specially designed to promote rapid growth. Unequaled as a finishing food. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Cyphers Growing Mash Food—A mash food specially designed to promote rapid growth. **6 lbs., 25c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

Cyphers High Protein Beef Scrap—Rich in protein and will increase the egg yield. Use 12 to 15 per cent. in the mash or feed alone in the hopper. **5 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.75. By parcel post, 5 lbs., 40c.**

Cyphers Mealed Alfalfa—Extra fine quality, bright green in color, finely ground. **6 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 6 lbs., 45c.**

CHAMBERLAIN'S SPECIAL DUCK FEED.

A combination made in mash form, especially for feeding ducks after they are two weeks old. Contains all the elements to force their growth, and will prevent leg weakness, as it contains many tonic properties besides the regular grains best suited for young and old ducks. Price, **8 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.50. By parcel post, 8 lbs., 50c.**

Blatchford's Calf Meal.

The perfect milk substitute; contains all the elements for pushing calves to maturity; easily digested, prevents scouring. Full directions with every bag. **Price, 25 lbs., $1.00; 50 lbs., $2.00; 100 lbs., $3.50.**

Blatchford's Fill the Egg Basket Mash Feed.

A combination of dry milk, bran, alfalfa, corn meal, barley meal, oat meal, oil meal, beef scraps and pepper, and will simply force hens to lay. Must be used dry, just as it comes from the bag. Keep before the birds at all times, in connection giving them a good scratch feed, and it will make your hens shell out the eggs. **5 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.00. By parcel post, 5 lbs., 40c.**

Blatchford's Milk Mash for Chicks.

Made of milk and milk substitute. Makes mammoth chicks, healthy and strong, a positive preventive against bowel trouble in chicks, which is one of the worst causes of loss in chick raising. A perfect milk substitute with a combination of barley meal, corn meal, oat meal, beef scraps and fish for feeding chicks from the start. **4 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.50. By parcel post, 4 lb. carton 40c.**

Standard Alfalfa Meal.

A standard green food for winter egg production. It can be fed either with a mash or scalded with warm water and fed by itself. Twenty-five per cent. of alfalfa meal can be used in the mash. **8 lbs., 25c; 50 lbs., $1.25; 100 lbs., $2.00. By parcel post, 8 lbs., 50c.**

Gluten Meal.

For making poultry food mash. Nothing superior to Gluten Meal for this purpose, supplying the necessary element in making mixture. Recommended by the Maine Experimental Station. We have it pure. **5 lbs., 25c; 25 lbs., 75c; 100 lbs., $2.75. By parcel post, 5 lbs., 40c.**

Linseed Meal.

A little of this occasionally mixed with soft feed will prove of great benefit, especially if a rich, glossy plumage is desired. **5 lbs., 25c; 25 lbs., $1.00; 100 lbs., $2.75. By parcel post, 5 lbs., 40c.**

Steel Cut Oats.

Cut fine for small chicks. Excellent for mixture. **4 lbs., 25c; 20 lbs., $1.00; 100 lbs., $4.00. By parcel post, 4 lbs., 40c.**

Sunflower Seed.

All high authorities on poultry topics recommend Sunflower Seed to be fed as a variety to poultry of all kinds. The seed we offer is first-class in all respects, and is the true mammoth Russian striped seed variety. **1 lb., 15c; 3 lbs., 40c; 10 lbs., $1.00; 25 lbs., $2.25. By parcel post, 1 lb., 25c; 3 lbs., 55c; 10 lbs., $1.25.**

Rolled Oats.

A valuable food for both adult fowl and growing chicks. **4 lbs., 25c; 25 lbs., $1.25; 100 lbs., $4.00. By parcel post, 4 lbs., 40c.**

Canada Field Peas.

A valuable food for all kinds of pigeons. **5 lbs., 30c; 10 lbs., 50c; 25 lbs., $1.25; 100 lbs., $4.60. By parcel post, 5 lbs., 45c; 10 lbs., 75c.**

Harding's Granulated Milk for Poultry.

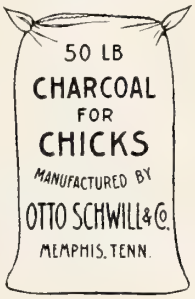
One of the best egg producers known. **5 lbs., 25c; 50 lbs., $2.25; 100 lbs., $4.25. By parcel post, 5 lbs., 40c.**

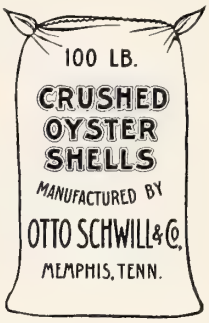
Kaffir Corn.

A valuable food for old or young stock, pigeons, etc. As a scratching food when fowls are confined during winter it has no equal. **10 lbs., 30c; 25 lbs., 50c; 50 lbs., $1.00; 100 lbs., $1.90. By parcel post, 10 lbs., 55c.**

Charcoal.

If you want healthy chickens, rugged, growing stock with bright, healthy plumage, birds that will fatten easily and well, and entire freedom from sour crops and indigestion with laying stock, feed Charcoal. This is an easy hint to to take, and the coal is low in price. The per hen cost is so low as to be almost ridiculous, and yet it is one of the simplest and best helps to success. Keep it before them all the time, and also feed in the mixed grain. Nothing equals it as a disease preventative. Made in 3 sizes, coarse for hens, medium for pigeons, fine for baby chicks. **Price, 2 lb. carton, 10c; 25 lbs., 75c; 50 lbs., $1.25; 100 lbs., $2.25. By parcel post, 2 lb. carton, 20c.**





Ground Oyster Shells.

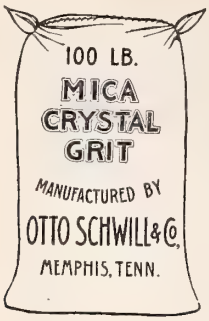
Every poultryman realizes the importance of crushed oyster shells as an egg-shell maker anad promoter of good health. Every pound of oyster shells offered by us is especially prepared for feeding poultry. They are crushed and ground to the size which expert poultrymen agree to be the best. Use oyster shell freely. It is good for chickens, old or young. **Coarse for hens, 10 lbs., 20c; 50 lbs., 60c; 100 lbs., 85c. Fine for chicks, 10 lbs., 25c; 50 lbs., 60c; 100 lbs., 90c. By parcel post, 10 lb. carton, 45c.**

Miscellaneous Poultry Grains.

Buckwheat	**5 lb., 25c;**	**100 lb., $4.00;**	**parcel post,**	**5 lb., 40c**
Corn Chop, sifted	**6 lb., 25c;**	**100 lb., 2.00;**	**parcel post,**	**6 lb., 45c**
Cracked Wheat	**4 lb., 25c;**	**25 lb., 1.25;**	**parcel post,**	**4 lb., 40c**
Hemp Seed	**2 lb., 25c;**	**100 lb., 6.50;**	**parcel post,**	**2 lb., 35c**
Millet Seed	**5 lb., 25c;**	**100 lb., 4.00;**	**parcel post,**	**5 lb., 40c**
Wheat, Red	**8 lb., 25c;**	**100 lb., 2.50;**	**parcel post,**	**8 lb., 50c**
Wheat Shorts	**10 lb., 35c;**	**100 lb., 2.10;**	**parcel post,**	**10 lb., 60c**
Wheat Bran	**10 lb., 25c;**	**100 lb., 1.75;**	**parcel post,**	**10 lb., 50c**

ROUPENE WHITINGS RELIABLE ROUP REMEDY

A certain and positive cure and preventative for Roup in all fowls. Not necessary to separate the sick birds from the well ones when using Roupene; this saves much trouble in handling. Roupene is fully guaranteed to do all it claims. **Price, 50c per bottle; by parcel post, 60c.**



Grit For Poultry.

Pearl Grit—A double purpose grit prepared expressly for poultry, containing the qualities of both shells and grit, furnishing perfect material for both grinding and shell making and containing in addition various chemical properties, such as Calcium Carbonate, (Lime), Magnesium Aluminum Oxides, etc. **Hen size, 10 lbs., 25c; 100 lbs., 90c. Chick size, 10 lbs., 25c; 100 lbs., 90c. By parcel post, 10 lb. carton, 45c.**

Mica Crystal Grit—Grit is as essential for poultry as food, as without it they cannot digest the food. Poultry will starve to death with full crop for no other reason than they have no teeth with which to grind the food into proper consistency. Grit should be fed in hoppers or boxes. **10 lbs., 25c; 100 lb. sack, 90c; 500 lbs., $4.25. By parcel post, 10 lb. carton, 45c.**

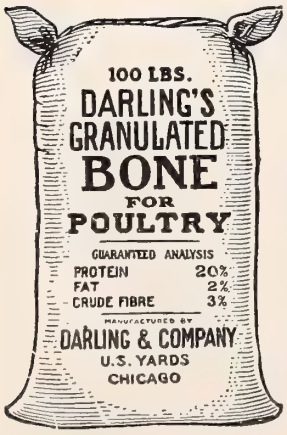
Hen-E-Ta Bone Grits—Will make hens lay; just right for chicks; no other bone or grits needed. Send for circulars. **100 lb. bag, $2.50; 50 lb. bag, $1.50; 6 lbs., 25c. By parcel post, 6 lbs., 40c.**

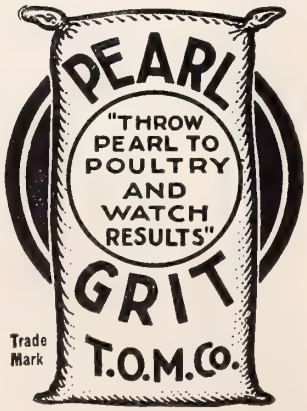
Wehe's Digestible Bone, Egg and Shell Producer—Perfects digestion, cures and prevents disease. **10 lbs., 25c; 100 lb. sack, $2.00. By parcel post, 10 lbs., 45c.**

Beef Scrap, Bone Meal, Etc.

Granulated Bone—Granulated Bone is made from fresh, green bone, from which the moisture and grease have been taken, leaving nothing but the phosphates, lime and nitrogenous matter. These are the only food properties of bone, green or dry, so when you buy granulated bone you will get it without paying freight on moisture or grease. This preparation will keep in any climate, in any kind of weather, if kept in a dry place. It is especially valuable as an egg-shell producer. Promotes strong, healthy growth of the bones in young chickens. Prevents leg weakness. Mix a little in soft feed. **Coarse for hens, 5 lbs., 25c; 25 lbs., 90c; 100 lbs., $3.00. Fine for chicks, 5 lbs., 25c; 25 lbs., $1.00; 100 lbs., $3.00. By parcel post, 5 lbs., 40c.**

Darling's Beef Scraps—For success with poultry, it is absolutely neccessary to give them plenty of animal food in the winter, to take the place of insects, etc., which they get during the summer. Feed mixed with meal or bran, at the rate of one-fourth pound of beef scraps per day to a dozen hens. **6 lbs., 25c; 25 lbs., 90c; 50 lbs., $1.75; 100 lbs., $3.50. By parcel post, 6 lbs., 45c.**





Darling's Beef Meal—This is a true egg-producing, flesh and bone forming food, and supplies just what laying hens and growing chicks require. **6 lbs., 25c; 10 lbs., 40c; 50 lbs., $1.50; 100 lb. sack, $3.00. By pacel post, 6 lbs., 45c; 10 lbs., 65c.**

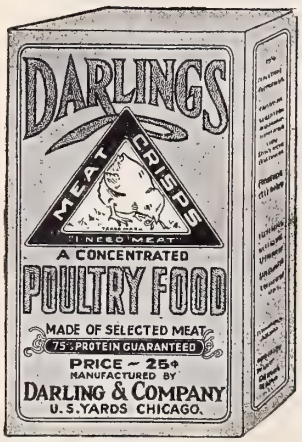
Darling's Blood Meal—**4 lbs., 25c; 25 lbs., $1.25; 100 lbs., $4.50. By parcel post, 4 lbs., 40c.**

Darling's Meat Crisps—Unequaled for growing chicks and laying hens. Contains 75% protein. We have them in original packages. **Fine or coarse ground, 3 lb. package, 25c. By parcel post, 35c. 6½ lb. package, 50c. By parcel post 65c.**

Red Cross Health Grit—All birds relish it. Contains in condensed form the best tissue building ingredients for birds known to science, and the greatest variety of gritty matter. A reconstructive tonic mixture of only pure properties. **Good both for pigeons and poultry. 6 lbs., 25c; 50 lbs., $1.25; 100 lbs., $2.00. By parcel post, 6 lbs., 45c.**

Hog Charcoal.

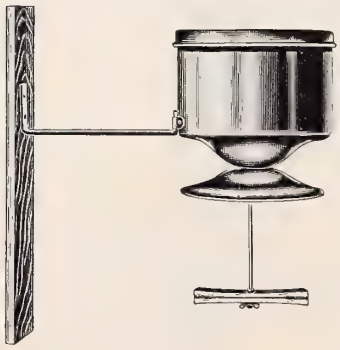
Small pieces of Charcoal especially made for hogs. Simply put some in their troughs and watch them get away with it. Charcoal aids digestion, purifies the blood and keeps hogs from dreaded Cholera. **Try a bag and watch the benefits. Price, 50 lb. bag, $1.00; 10 bags, $8.00.. F. O. B. Memphis.**



O. K. Poultry Litter.

A perfect scratching material. Superior to straw, alfalfa mean, etc. A deodorizer, absorbent disinfectant and labor-saving litter. It absorbs all the moisture from droppings. Will last for several months in your brooder or poultry house. Lice will not live in it, and therefore makes a splendid material for nests, being soft and pliable and keeps out all insects. Try O. K. Litter once and you will never be without it. Circulars mailed free. **Price, 8 lbs., 25c; 20 lbs., 60c; bale, about 150 lbs., $3.00. By parcel post, 20 lbs., $1.05.**

The Simplex Faultless Feeder No. 2.



A new design which can be attached to the wall, placed high or low; especially well suited for growing stock or young chicks as it can be adjusted for feeding fine or coarse grain or feed. It is no trouble to feed small or large chickens with one of the Simplex Automatic Hoppers. **Price now within reach of all—4 qt. size, $1.00; By parcel post, $1.40.**

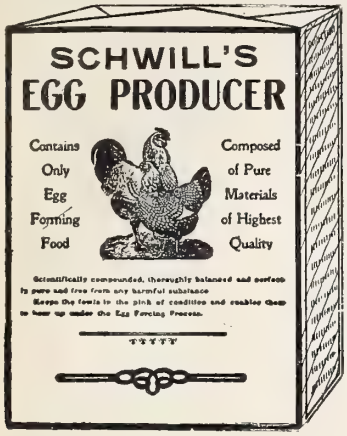
Perfecto Spiral Leg Bands.

Made in six different colors; easily applied; they slip on like a key ring; will not lose off nor can the fowls remove them. Be sure to mention breed of your chickens when ordering, as the bands come in several sizes as well as different colors.

Single Coil Spiral Bands.....doz.	$ .20;	parcel post	$ .25
Single Coil Spiral Bands...for 50	.60;	parcel post	.65
Single Coil Spiral Bands..for 100	1.00;	parcel post	1.10
Baby Chick Spiral Bands ....doz.	.15;	parcel post	.20
Baby Chick Spiral Bands ..for 50	.50;	parcel post	.55
Baby Chick Spiral Bands .for 100	.75;	parcel post	.85

Egg Producers and Poultry Remedies

We carry a complete stock of all the best preparations. These prices are f. o. b. Memphis, except where priced by parcel post; also please note liquids cannot be mailed.



Schwill's Poultry Remedies.

Our own brand. Equal to any on the market.

Schwill's Egg Producer, 2½ lb. box	$ .25	By parcel post	$ .35
Schwill's Egg Producer, 7 lb. box...	.50	By parcel post	.65
Schwill's Lice Powder, 15 oz. box..	.25	By parcel post	.35
Schwill's Lice Powder, 48 oz. box..	.50	By parcel post	.65
Schwill's Roup Powder, small	.25	By parcel post	.30
Schwill's Roup Powder, large	.50	By parcel post	.55
Schwill's Liquid Lice Paint, quart..	.35	Cannot be mailed.	
Schwill's Liquid Lice Paint, gallon .	1.00	Cannot be mailed.	
Schwill's Poultry Dip, quarts.....	.50	Cannot be mailed.	

Schwill's White Diarrhea Remedy for Baby Chicks—Made especially for us. A certain cure for this dreaded malady that is so fatal to chicks. Experiments the past season have proven this remedy satisfactory in every way. **Price, per box, 50c. By parcel post, 55c.**

Schwill's Microzone—Keeps poultry in a healthy condition. Will cure roup, cholera, indigestion, bowel complaints, canker, frosted combs, chicken pox, swelled head, sores, cuts, wounds, sore eyes, etc., etc.

Full directions on each bottle. **Per bottle, 50c. Liquid; cannot be mailed.**

Dr. Hess' Poultry and Stock Food.

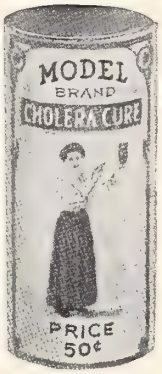
Dr. Hess' Poultry Panacea, small ..	$ .25	By parcel post	$ .35
Dr. Hess' Poultry Panacea, medium	.60	By parcel post	.75
Dr. Hess' Poultry Panacea, large ...	1.25	By parcel post	1.50
Dr. Hess' Instant Louse Powder ...	.25	By parcel post	.35
Dr. Hess' Instant Louse Powder....	.60	By parcel post	.75
Dr. Hess' Stock Food	.25	By parcel post	.35
Dr. Hess' Stock Food	.50	By parcel post	.65
Dr. Hess' Stock Food	1.00	By parcel post	1.25
Dr. Hess' Worm Powder	.50	By parcel post	.60
Dr. Hess' Distemper Remedy	.50	By parcel post	.60
Dr. Hess' Healing Powder	.25	By parcel post	.30
Dr. Hess' Colic Cure	.50	Cannot be mailed.	
Dr. Hess' Disinfectant, 1 qt.	.35	Cannot be mailed.	
Dr. Hess' Disinfectant, 2 qts.	.60	Cannot be mailed.	
Dr. Hess' Stock Food, 25 lb. pail....	2.00	Cannot be mailed.	

Austin's Pyrotone.

Sure death to lice and mites. Acts as a preventative as well as a cure. **Price, large bottle, 75c; by express only. Cannot be mailed.**

Zenoleum Preparations.

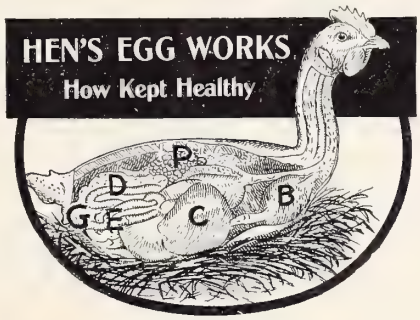
Zenoleum Lice Powder, box	$ .25	By parcel post	$ .35
Zenoleum Hog Worm Powder.....	1.00	By parcel post	1.05
Zenoleum Lice Liquid, qt.	.35	Cannot be mailed.	
Zenoleum Lice Liquid, 2-qt.	.60	Cannot be mailed.	
Zenoleum Lice Liquid, gallon	1.00	Cannot be mailed.	
Zenoleum Dip, 8-oz. can	.25	Cannot be mailed.	
Zenoleum Dip, qt. can	.50	Cannot be mailed.	
Zenoleum Dip, 2-qt. can	.90	Cannot be mailed.	
Zenoleum Dip, gal.	1.50	Cannot be mailed.	
Zenoleum Dip, 5-gal. cans	5.00	Cannot be mailed.	



Model Poultry Remedies.

Model Roup Cure, small	$ .20	By parcel post	$ .25
Model Roup Cure, large	.40	By parcel post	.45
Model Cholera Cure, large	.40	By parcel post	.45
Model Egg Maker, box.....	.20	By parcel post	.30
Model Nutrine Chick Salt, pkg.	.40	By parcel post	.55
Model Quick Malt, pkg.	.75	By parcel post	1.00
Model Lice Spray, qt. can	.30	Cannot be mailed.	
Model Lice Disinfectant, qt. can ...	.40	Cannot be mailed.	

Oculum for Results.



Oculum Brings Results.

Oculum quickly relieves roup, cholera, canker, sorehead, gapes, blackhead, and absolutely prevents that dreadful scourge, White Diarrhea, in baby chicks. A customer, Mr. J. H. Nichols, writes Oculum is indispensable for Cholera and White Diarrhea. Our own experience hatching chicks in our large incubators at our store has proven that chicks treated with Oculum live and grow off at once. We never fail to use it on every hatch that we take off.

Price, Small Size Bottle.....	$ .50	By parcel post	$ .60
Price, Large Size Bottle.....	1.00	By parcel post	1.10

Succulenta Tablets.

Take the place of green food. Simply dissolve a tablet in drinking water, and forget about green foods. Fowls drink it with relish. You don't have to bother with time and labor of feeding your chickens green sprouted oats, cabbage or other green food. Try them once and solve the green food problem forever. **Price per box 100 large tablets, 50c. By parcel post, 55c.**

Cypher's Poultry Remedies.

Cypher's Roup Cure	$ .25	By parcel post	$ .30
Cypher's Roup Cure, large.....	.50	By parcel post	.55
Cypher's Cholera Cure	.25	By parcel post	.30
Cypher's Sorehead Cure	.25	By parcel post	.30
Cypher's Full Nestegg Food	.25	By parcel post	.35
Cypher's Salt Cat, pkg.	.25	By parcel post	.35

Rust's Poultry Powders.

We have been selling these preparations for 25 years. Customers say they want no better.

Rust's Climax Condt. Powder, 13 oz.	$ .25	By parcel post	$ .35
Rust's Climax Condt. Powder, 32 oz.	.50	By parcel post	.65
Rust's Climax Condt. Powder, 5 lbs.	1.00	By parcel post	1.20
Rust's Egg Producer, 1 lb.	.25	By parcel post	.35
Rust's Egg Producer, 2½ lbs.	.50	By parcel post	.65
Rust's Egg Producer, 6 lbs.	1.00	By parcel post	1.20
Rust's Lice Powder, box	.25	By parcel post	.35
Rust's Roup Powder, small	.25	By parcel post	.30
Rust's Roup Powder, large	.50	By parcel post	.60
Rust's Roup Pills, small	.25	By parcel post	.30
Rust's Roup Pills, large	.50	By parcel post	.55
Rust's Lice Liquid, qt.	.35	Cannot be mailed.	

Lee's Poultry Foods and Remedies.

Lee's Egg Maker, 2½ lb. box	$ .25	By parcel post	$ .35
Lee's Egg Maker, 7 lb. box	.45	By parcel post	.60
Lee's Lice Powder, small size	.25	By parcel post	.35
Lee's Lice Powder, large size	.50	By parcel post	.65
Lee's Hog Remedy, 7 lb box	.60	By parcel post	.85
Lee's Hog Remedy, 25 lb. pail	1.85	Cannot be mailed.	
Lee's Liquid Lice Killer, 1 qt.	.35	Cannot be mailed.	
Lee's Liquid Lice Killer, 2 qts.	.60	Cannot be mailed.	
Lee's Liquid Lice Killer, gallon	1.00	Cannot be mailed.	
Lee's White Diarrhea Cure, bottle	.50	Cannot be mailed.	

Lee's Germozone.

Is undoubtedly the most popular poultry medicine on the market. It is practically infallible as a cure for bowel trouble, that disease from which more chickens die annually than from all other diseases combined. It is also of great value for Roup, Colds, Chicken Cholera and other diseases which are so prevalent among poultry. A little of it in drinking water twice a week will keep your fowls healthy and in good condition all the time.

Liquid—Price, 50c per bottle; by express. Cannot be mailed.
Tablets—Price, 50c per box. By parcel post, 55c.

Bowman's Roup and White Diarrhea Cure.

Is guaranteed to cure and prevent all forms of roup, colds, catarrh, canker, sore eyes and diphtheria. It cures or your money back cheerfully and without question. Can anything be fairer? Try it once and you will never be without a box. Package double the size of any other roup cure on the market. Absolutely cures and prevents White Diarrhea in baby chicks. **Price, per box, 25c. By parcel post, 35c.**

Antikohl Hog Powder.

A scientific cure and preventative of Hog Cholera, highly concentrated; acts quickly. Antikohl is worth its weight in gold to hog raisers. Full instructions with every box. **Price, per can, $1.00. By parcel post, $1.10.**

Conkey's Poultry Medicines and Foods.

Conkey's Roup Powder, small size	$ .25	By parcel post	$ .30
Conkey's Roup Powder, medium	.50	By parcel post	.55
Conkey's Roup Powder, large	1.00	By parcel post	1.10
Conkey's Cholera Cure, small	.25	By parcel post	.30
Conkey's Cholera Cure, large	.50	By parcel post	.55
Conkey's White Diarrhea Cure, small	.25	By parcel post	.30
Conkey's White Diarrhea Cure, large	.50	By parcel post	.55
Conkey's Chicken Pox Remedy, large size	.50	By parcel post	.60
Conkey's Chicken Pox Remedy, small size	.25	By parcel post	.30
Conkey's Gape Remedy	.50	By parcel post	.60
Conkey's Head Lice Ointment	.10	By parcel post	.15
Conkey's Head Lice Ointment	.25	By parcel post	.30
Conkey's Scaly Leg Remedy	.50	By parcel post	.60
Conkey's Limber Neck Remedy	.50	By parcel post	.60
Conkey's Healing Gall Salve	.25	By parcel post	.30
Conkey's Sorehead Ointment	.25	By parcel post	.30
Conkey's Bronchitis Remedy	.50	By parcel post	.60
Conkey's Poultry Worm Powder	.50	By parcel post	.60
Conkey's Poultry Laxative	.50	By parcel post	.60
Conkey's Poultry Tonic	.25	By parcel post	.35
Conkey's Lice Fix Salve	.50	By parcel post	.55
Conkey's Laying Tonic, small	.25	By parcel post	.35
Conkey's Laying Tonic, large	.50	By parcel post	.65
Conkey's Lice Powder	.10	By parcel post	.15
Conkey's Lice Powder	.25	By parcel post	.35
Conkey's Lice Powder	.50	By parcel post	.70
Conkey's Lice Powder	1.00	By parcel post	1.25
Conkey's Ant Exterminator	.25	By parcel post	.35
Conkey's Mange Remedy	.50	By parcel post	.60
Conkey's Distemper Remedy	.50	By parcel post	.60
Conkey's Flea Salve	.25	By parcel post	.30
Conkey's Rheumatic Cure	.50	By parcel post	.60
Conkey's Stock Vigor, pkg.	.25	By parcel post	.35
Conkey's Liquid Lice Killer, 1 qt.	.35	Cannot be mailed.	
Conkey's Liquid Lice Killer, 2 qts.	.60	Cannot be mailed.	
Conkey's Liquid Lice Killer, 4 qts.	1.00	Cannot be mailed.	
Conkey's Noxicide, 1 pt.	.35	Cannot be mailed.	
Conkey's Noxicide, 1 qt.	.60	Cannot be mailed.	
Conkey's Noxicide, 2 qts.	.90	Cannot be mailed.	
Conkey's Noxicide, 1 gal.	1.50	Cannot be mailed.	
Conkey's Fly Knocker, ½ gal.	.60	Cannot be mailed.	

Conkey's Lice Fix.

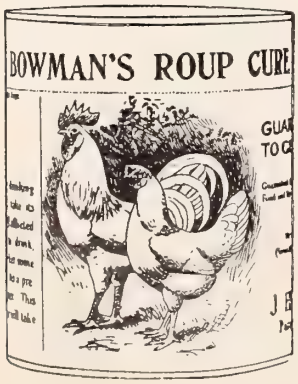
A new way of getting after and driving off the ever present body louse. A few applications of the ointment around the vent twice a year will keep the birds practically free from lice. Directions for using on every package. **Price, 50c. By parcel post, 55c.**

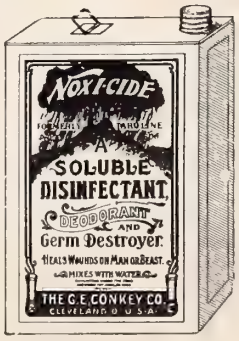
Sulphur Candles.

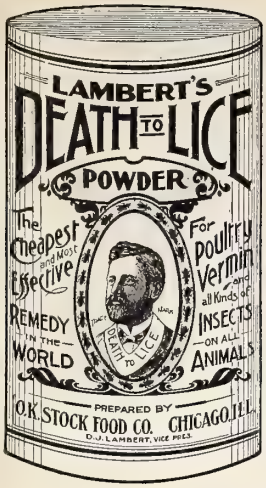
Sulphur Candles—The most convenient method of fumigating poultry houses and living rooms. **Price, each, 10c; doz., $1.00. By parcel post, each, 15c; doz., $1.25.**

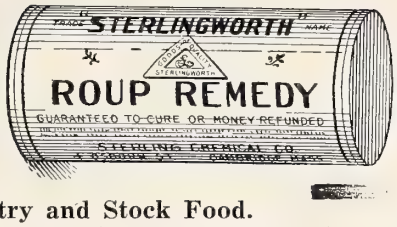
Germo Disinfectant.

The most wonderful insect and germ killer. Will not stain. Fine for poultry or household. **Qt., 40c; 2 qts., 75c; gal., $1.25; 5 gals., $6.00; all f. o. b. Memphis. Cannot be mailed.**









Pratt's Poultry and Stock Food.

Pratt's Poultry Regulator	$ .25	By parcel post	$ .35
Pratt's Poultry Regulator	.50	By parcel post	.65
Pratt's Poultry Regulator	1.00	By parcel post	1.25
Pratt's Poultry Regulator, 12½ lb. pail	1.25	By parcel post	1.60
Pratt's Roup Remedy	.25	By parcel post	.30
Pratt's Cholera Remedy	.25	By parcel post	.30
Pratt's Gape Remedy	.25	By parcel post	.30
Pratt's Sorehead Remedy	.25	By parcel post	.30
Pratt's Bronchitis Remedy	.25	By parcel post	.30
Pratt's White Diarrhea Cure	.25	By parcel post	.30
Pratt's Lice Powder	.10	By parcel post	.15
Pratt's Lice Powder	.25	By parcel post	.35
Pratt's Animal Regulator	.25	By parcel post	.35
Pratt's Animal Regulator	.50	By parcel post	.60
Pratt's Animal Regulator	1.00	By parcel post	1.25
Pratt's Animal Worm Powder	.50	By parcel post	.60
Pratt's Calf Tonic	.50	By parcel post	.60
Pratt's Cow Tonic	.50	By parcel post	.60
Pratt's Worm Powder	.50	By parcel post	.60
Pratt's Hog Cholera Specific	.50	By parcel post	.60
Pratt's Heave Cure	.50	By parcel post	.60
Pratt's Hog Worm Powder	.50	By parcel post	.60
Pratt's Spavin Paste	.50	By parcel post	.60
Pratt's Distemper Cure	.50	By parcel post	.60
Pratt's Healing Powder	.25	By parcel post	.35
Pratt's Bag Ointment	.25	By parcel post	.30
Pratt's Colic Cure	.50	Cannot be mailed.	
Pratt's Germathol	.25	Cannot be mailed.	
Pratt's Liquid Spavin Cure	.50	Cannot be mailed.	
Pratt's Animal Liniment	.50	Cannot be mailed.	
Pratt's Animal Regulator, 25 lb. pail	3.00	Cannot be mailed.	
Pratt's Lice Liquid, 1 qt.	.35	Cannot be mailed.	
Pratt's Lice Liquid, 2 qts.	.60	Cannot be mailed.	
Pratt's Disinfectant, 1 qt.	.35	Cannot be mailed.	
Pratt's Disinfectant, 2 qts.	.60	Cannot be mailed.	
Pratt's Disinfectant, 1 gal.	1.00	Cannot be mailed.	
Pratt's Poultry Regulator, 25 lbs.	2.50	Cannot be mailed.	

Blackman's Medicated Salt Brick.

As its name implies, it is in brick shape, made of purest salt and medicine necessary for treatment of diseases for which it is intended. By this simple plan they take their medicine. **Price, per brick, 25c; 5 bricks, $1.00. By parcel post, per brick, 40c; 5 bricks, $1.50. Holders, each, 25c. By parcel post, 35c.**

Lambert's Lice Powders.

Lambert's Death to Lice Powder	$ .25	By parcel post	$ .35
Lambert's Death to Lice Ointment	.10	By parcel post	.15
Lambert's Death to Lice Ointment	.25	By parcel post	.30

Harding's Poultry Remedies.

Harding's Roup Powder, large	$ .35	By parcel post	$ .40
Harding's Cholera Powder, large	.35	By parcel post	.40
Harding's Scaly Leg Ointment	.20	By parcel post	.30

Germo Magic Cholerine.

Germo Magic Cholerine—A vegetable compound for poultry; put in drinking water, will cure and prevent chicken pox and keep poultry in good condition. **Price, 25c and 50c per bottle. Cannot be mailed.**

International Poultry and Stock Food.

International Poultry Food	$ .25	By parcel post	$ .35
International Poultry Food	.50	By parcel post	.65
International Poultry Food	1.00	By parcel post	1.25
International Louse Powder	.25	By parcel post	.35
International Bowel Remedy	.25	By parcel post	.30
International Cholera Cure	.25	By parcel post	.35
International Stock Food	.25	By parcel post	.35
International Stock Food	.50	By parcel post	.65
International Stock Food	1.00	By parcel post	1.25
International Heave Cure	.50	By parcel post	.60
International Worm Powder	.50	By parcel post	.60
International Gall Cure	.25	By parcel post	.30
International Distemper Cure	.50	By parcel post	.65
International Tarfoot Remedy	.50	Cannot be mailed.	
International Colic Cure	.50	Cannot be mailed.	
International Healing Oil	.50	Cannot be mailed.	
International Pheno-Chloro	.25	Cannot be mailed.	
International Lice Paint, 1 qt.	.35	Cannot be mailed.	
International Lice Paint, 2 qts.	.60	Cannot be mailed.	

Cattle Content.

Keeps the flies off of stock. Safe and certain. **Qt. size, 35c; gal. cans, 90c. Cannot be mailed.**

Target Fly Spray.

Mixes with water. One gallon makes five gallons of the very best fly spray; does not scald or harm the animal. **Qt can, 35c; 2 qts., 60c; gallon, $1.00. Cannot be mailed.**

Miscellaneous Poultry and Stock Remedies.

Bee Dee (Formerly called Black Draught)—A splendid preventative and cure for cholera and other poultry diseases. It is also a good medicine for hogs, cattle and horses. **Per box, 25c. By parcel post, 35c.**

F. P. C. Roup Preparation—For roup diseases. ½ lb. pkg., 15c. By parcel post, 20c.

Prairie State Going Light Tablets—These tablets are guaranteed to cure the dreaded disease known as "Going Light." **Price, per box, 20c. By parcel post, 25c.**

Sterlingworth Diarrhea Cure	$ .35	By parcel post	$ .40
Sterlingworth Roup Powder	.20	By parcel post	.25
Sterlingworth Cholera Cure	.35	By parcel post	.40
Sterlingworth Going Light Tablets	.20	By parcel post	.25
Sterlingworth Roach and Ant Chaser, 5 lbs.	2.00	By parcel post	2.30

Sal Vet—Destroys worms in Hogs, Sheep, Horses and cattle. Simply put Sal Vet in the animal's troughs, or give it to them in their feed. Send for circulars.

20 lb. pail	$1.25	By parcel post	$1.65
40 lb. pail	2.25	Cannot be mailed.	
100 lb. keg.	5.00	Cannot be mailed.	

Spratt's Dog Cakes, Etc.

Spratt's Meat "Fibrine" Vegetable Dog Cakes—The standard dog food. Used at the leading kennels and dog shows throughout the world.

Spratt's Dog Cakes, 2½ lb. box	$ .25	By parcel post	$ .35
Spratt's Dog Cakes, 5 lb. box	.50	By parcel post	.65
Spratt's Dog Cakes, 50 lb. box	3.75	Cannot be mailed.	
Spratt's Dog Cakes, 100 lb. box	7.50	Cannot be mailed.	
Spratt's Puppy Cakes, box	.25	By parcel post	.35
Spratt's Molicoddle Puppy Cakes	.25	By parcel post	.35
Spratt's Puppy Meal	.25	By parcel post	.35
Spratt's Distemper Cure	.75	By parcel post	.80
Spratt's Liver Tablets	.75	By parcel post	.80
Spratt's Tonic and Conditioner	.50	By parcel post	.60
Spratt's Dog Soap	.25	By parcel post	.30
Spratt's Vermifuge for Worms	.50	By parcel post	.55

O. K. Poultry Litter.

Magic Poultry and Stock Powders.

Magic Poultry Food	$ .25	By parcel post	$ .35
Magic Poultry Food	.50	By parcel post	.60
Magic Lice Powder	.10	By parcel post	.15
Magic Lice Powder	.25	By parcel post	.35
Magic Roup Powder	.35	By parcel post	.40
Magic Stock Food	.25	By parcel post	.35
Magic Stock Food	.50	By parcel post	.65
Magic Hoof Ointment	.25	By parcel post	.35
Magic Worm Powder	.50	By parcel post	.60
Magic Heave Cure	.50	By parcel post	.60
Magic Distemper Cure	.50	By parcel post	.60
Magic Hog Medicine	.50	By parcel post	.60
Magic All-Heal Liniment	.50	Cannot be mailed.	
Magic Colic Cure	1.00	Cannot be mailed.	
Magic Disinfectant	.25	Cannot be mailed.	

O. K. Poultry Litter.

A Deodorizer, Absorbent, Disinfectant, Economical and Labor-Saving—Best for brooders.

O. K. Poultry Litter supplies a long felt want to the Poultryman, because it is always practically in the same condition, clean, soft, sweet and pliable after being used for months. It also, to a great extent, saves the expense of disinfectants.

It absorbs all moisture from the droppings and they quickly dry up. It absorbs the ammonia and poisonous gases.

Enables you to do away with dropping boards, thus giving the fowl more light and room.

Lice will not live in it. It is the best nest material because it is soft and pliable and will not harbor lice.

By following directions you need only clean your pens once in three to six months, thus saving much time and labor.

Bales weigh about 150 lbs. and will cover about 80 square feet 3 inches deep.

Price, 8 lbs., 25c; 20 lbs., 60c; per bale, $3.00. By parcel post, 20 lbs., $1.05.

Spratt's Patent Puppy Cakes.

Rat Corn.

Rat Corn.

Poison to rats and mice; when dead they leave no odor, as they are mummified. Keep away from fowl. It is a sure death to rats and mice.

Small can	$ .25	By parcel post	$ .30
Large can	.50	By parcel post	.55

The Nabob Remedies.

All specially prepared for poultry; convenient and simple to use. Write for circulars.

Nabob Remedy, No. 1, for Roup and Colds	$ .25	By parcel post	$ .30
Nabob Remedy, No. 2, for Colds and Chicken Pox	.25	By parcel post	.30
Nabob Remedy, No. 3, for White Diarrhea, box	.25	By parcel post	.30
Nabob Remedy No. 4, for Tonic, box	1.00	By parcel post	1.25
Nabob Remedy, No. 5, for Cholera, box	.25	By parcel post	.30
Nabob Remedy, No. 6, for Vegetable Beef Scrap	1.00	By parcel post	1.25
Nabob Remedy, No. 7, for Makes Hens lay	.25	By parcel post	.35

China Nest Eggs.

Nest Eggs.

Knox Lice Medicated Nest Eggs—These eggs are a perfect imitation of the hen's egg, containing a powerful disinfectant, which keeps all lice, mites, etc., out of nest and off the hens. **Each, 5c; doz., 50c. By parcel post, each, 10c; doz., 70c.**

Lime Nest Eggs—Non-breakable. Antiseptic. A perfect shape making it a splendid and lasting accessory. **Doz., 30c. By parcel post, doz., 45c.**

Porcelain—These are made of first-class glass. They will not break easily and will last a lifetime. **Doz., 25c. By parcel post, doz., 45c.**

Egg Coaxers—One metal egg on a platter, for using in bottom of nest. **Each, 25c. By parcel post, each, 35c.**

Roach Rid.

If you are bothered with roaches, water bugs, etc., use our Roach Rid. It is absolutely a sure shot. Dust the powder where the insects are, leave it a week or ten days, and the pests will disappear. **Price, 25c per box. By parcel post, 30c.**

Rat Rid.

Exterminates mice and rats without odor. Has been thoroughly tested and found to do what is claimed by the manufacturers, if directions are followed. **Price, 25c per package. By express only.**

Licene.

Licene will destroy every louse and "nit" on your chickens, usually keeping them free from lice for six months. Licene, when applied to the hen three days before setting, positively prevents head lice. Licene being of a greasy nature and easy to apply, you are not distressed with smarting eyes and irritated nostrils as you would be in using Sulphur, Lime or Tobacco Dust. There is no odor to saturate your clothing with stench and smell. Licene will not injure your birds in any way, nor retard the egg yield. Licene does not destroy the fertility of eggs. **Per tube, 50c. By parcel post, 5c extra.**

Seeds by Parcel Post

Your Postmaster will tell you the parcel post zone in which your postoffice is located, measuring from Memphis.

When ordering write your name plainly, give correct P. O. address if by mail, if by express give your express office or nearest express, to avoid any delay. Where no instructions are given as to how shipment should be made, we will use our own discretion, but we urge all customers to state plainly whether they want goods mailed, expressed, or shipped by boat or by rail.

All C. O. D. orders must be accompanied by at least half the amount.

All Seeds and Plants shipped by mail takes parcel post rates. Packages up to eight ounces in weight are carried at the rate of one cent for every two ounces, regardless of distance. Packages over eight ounces are charged by the pound. The rate per pound varies according to the distance, which is measured by the Government Zone System, each zone covering a certain number of miles from point of shipment. Distance and rates are shown in the table below. Packages carried by the Parcel Post are handled like any other mail matter. They are delivered to your box by your rural mail carrier if you live on a rural route, or delivered to your door if you live in a city where there is carrier service, or delivered to your local postoffice if you live where there is no carrier service.

In most instances, Parcel Post Shipments are more desirable even if the cost is slightly higher than express shipments, because the package is usually delivered to your box, whereas it is sometimes necessary to drive several miles to the town to get an express package.

Weight in Pounds	LOCAL	ZONES				
		1st Up to 50 miles	2d 50 to 150 miles	3d 150 to 300 miles	4th 300 to 600 miles	5th 600 to 1000 miles
1	$0.05	$0.05	$0.05	$0.06	$0.07	$0.08
2	.06	.06	.06	.08	.11	.14
3	.06	.07	.07	.10	.15	.20
4	.07	.08	.08	.12	.19	.26
5	.07	.09	.09	.14	.23	.32
6	.08	.10	.10	.16	.27	.38
7	.08	.11	.11	.18	.31	.44
8	.09	.12	.12	.20	.35	.50
9	.09	.13	.13	.22	.39	.56
10	.10	.14	.14	.24	.43	.62
11	.10	.15	.15	.26	.47	.68
12	.11	.16	.16	.28	.51	.74
13	.11	.17	.17	.30	.55	.80
14	.12	.18	.18	.32	.59	.86
15	.12	.19	.19	.34	.63	.92
16	.13	.20	.20	.36	.67	.98
17	.13	.21	.21	.38	.71	1.04
18	.14	.22	.22	.40	.75	1.10
19	.14	.23	.23	.42	.79	1.16
20	.15	.24	.24	.44	.83	1.22
21	.15	.25	.25			
22	.16	.26	.26			
23	.16	.27	.27			
24	.17	.28	.28			
25	.17	.29	.29			
26	.18	.30	.30			
27	.18	.31	.31			
28	.19	.32	.32			
29	.19	.33	.33			
30	.20	.34	.34			
31	.20	.35	.35			
32	.21	.36	.36			
33	.21	.37	.37			
34	.22	.38	.38			
35	.22	.39	.39			
36	.23	.40	.40			
37	.23	.41	.41			
38	.24	.42	.42			
39	.24	.43	.43			
40	.25	.44	.44			
41	.25	.45	.45			
42	.26	.46	.46			
43	.26	.47	.47			
44	.27	.48	.48			
45	.27	.49	.49			
46	.28	.50	.50			
47	.28	.51	.51			
48	.29	.52	.52			
49	.29	.53	.53			
50	.30	.54	.54			

Within Local Zone and Zones 1 and 2, packages up to 50 lbs. in weight are carried. The limit of weight for all other Zones is 20 pounds.

Where possible, we have quoted parcel post paid prices on many articles, and most all seeds in this catalogue. If you desire any larger quantities sent by parcel post than those we have priced parcel post paid, you can easily calculate postage charges from above table and add 20 cents to that amount for packing, as we must use good strong bags when sending any seed by parcel post.

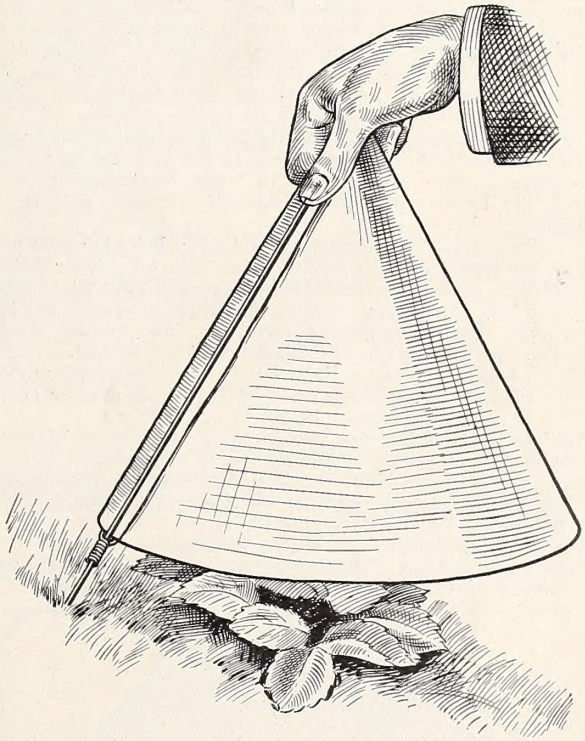
Special Notice Parcel Post Prices.

The prices we have made in this catalogue by parcel post are all charges paid in limit of local, first, second and third zones. If you live beyond the third zone, then please add additional funds for extra postage. Also if you wish parcels insured, add 5c for insurance fee in addition to postage and amount you send for goods, as all parcel post packages we forward are at customer's risk, unless the package is insured.

Insured Parcel Post.

All articles shipped by parcel post are at the customer's risk, unless the package is insured. Packages may be insured against loss for the value but not to exceed $25.00 on payment of a fee of 5 cents for each package in addition to the regular parcel post rates. Packages in excess of $25.00 but not to exceed $50.00, may be insured on payment of a fee of 10 cents for each package in addition to the regular parcel post rates.

If you wish your package insured, include the insurance fee in addition to postage and amount you send for goods.



Ideal Plant Protector.

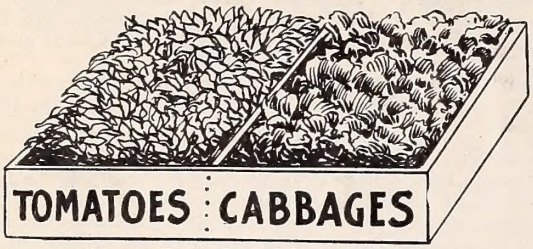
Protects plants from frost and cold. Most exhaustive tests have proven that the **"Ideal Plant Protector" will protect a plant against injury** from frost, from rain, from hail and from wind. The protector being made of dry, water and frost-proof cardboard, which protects the plant from rain or hail, and the wire foot being pressed into the ground, on the wind side, and the **Cover Close to the Ground**, so that the wind cannot get under, and the covers being cone-shape, the wind only presses it closer to the ground. The **"Ideal Protector"** is made of a heavy cardboard, thoroughly water and rain-proof. The rain does not hurt them. The hail does not hurt them. They are simple, durable and easy to handle. The gardener who uses **Ideal Plant Protectors** can safely sow seed two weeks earlier than usual, as they protect all tender plants, such as Tomato, Pepper, Cucumber, Egg Plant, Squash, etc., from frost. Made in two sizes—No. 10, 10 inches high and 10 inches in diameter, and No. 12, 12 inches high and 12 inches in diameter. **Price, No. 10, 25c per doz.; $2.00 per 100; $15.00 per 1000. Price, No. 12, 30c per doz.; $2.25 per 100; $18.00 per 1000. By parcel post, No. 10, 40c per doz.; $2.60 per 100. No. 12, 45c per doz.; $2.85 per 100.**

Vegetable Plants

All orders for vegetable plants will be filled in season when plants are in right condition, and at the right time. See dates below when different varieties are ready for shipment.

We can supply in any quantity, in their proper season, all vegetable plants, here mentioned, and ship directly from beds, well packed, on the shortest notice. NOTICE—If we should for any reason be out of any variety ordered, we will send some other similar variety in place of it, unless requested to the contrary.

At prices quoted, they are sent by express at purchaser's expense, excepting where noted by mail. As plants are perishable, we advise all large lots to be forwarded by express. They must be sent separately from any greenhouse plants, roses, etc. We do not send vegetable plants with greenhouse plants.



Frost-Proof Cabbage Plants.

Ready January 15th.

These are hardy outdoor-grown plants that will stand any kind of weather. The seed is planted in October and November, in a section in the South especially suited for this purpose. We are growing several million of plants this year, and will be able to supply all orders. By recent experiments, we have located a desirable climatic condition near the Gulf, and the plants will be satisfactory in every way.

The use of open air, practically frost-proof, cabbage plants often enables the truck gardener to put full grown heads of cabbage on the market two to three weeks ahead of the ordinary home-grown plants, and of course he gets the top prices for his crop.

The Frost-Proof Plants may not look a bright, green color, like the tender hotbed seedlings, as naturally their outdoor winter growth, standing through frosts, light freezes, discolors them and gives them a stunted appearance. Set them out, and their excellent growth, as soon as the weather warms up will make you forget how they looked.

These plants are from the very best grown seed, and will be sent both from Memphis and from our grower at purchaser's option at prices below.

Will have the following varieties: **Early Jersey Wakefield, Charleston or Large Wakefield and Succession.**

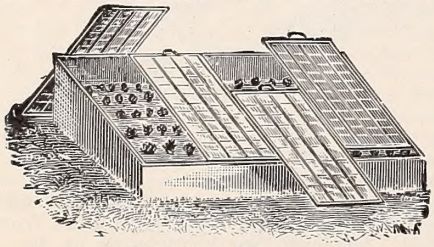
Prices, f.o.b. Memphis, 100 for 25c; 500 for $1.25; 1000 for $2.00.

Prices, f.o.b. Growing Station, 500 for $1.00; 1000 for $1.50; 5,000 for $6.25; 10,000 for $10.00.

All plants packed 500, 1000 and 2000 to the basket.

Prices, by parcel post, 100 for 40c; 500 for $1.60; 1000 for $2.50.

No orders filled for less than 100 plants of a variety.



Cabbage Plants.

Strong hotbed Stock, Ready March 10th.

Early Jersey Wakefield	Early Flat Dutch
Early Summer	Large Late Drumhead
Charleston Wakefield	Succession

Price, 35c per 100; $2.50 per 1000. By parcel post, 50c per 100; $2.00 for 500. All plants tied 50 to the bundle.

Tomato Plants.

Ready March 25th, and Up to June 1st.

Our own growing; all first-class stock, varieties as follows:

Acme	Earliana	Ponderosa
Early Detroit	Beauty	Stone

Prices, Hotbed or Seedling Plants, doz., 15c; 100, 50c; 1000, $4.00. By parcel post, doz., 25c; 100, 70c.

Prices, Transplanted Stock, doz., 25c; 100, $1.50; 1000 $10.00. By parcel post, doz., 35c; 100, $1.85.

Prices, Potted Plants, doz., 50c; 100, $4.00. By parcel post, doz., 75c.

Egg Plants.

Ready April 20th and Up to June.

Black Beauty	New York Improved Purple

Prices, Hotbed Plants, doz., 25c; 100, $1.50. By parcel post, doz., 35c; 100, $1.85.

Prices, Potted Plants, doz., 50c; 100, $4.00. By parcel post, doz., 75c.

Pepper Plants.

Ready April 20th and Up to June.

Chinese Giant	Long Red	Neapolitan Sweet

Prices, Hotbed Plants, doz., 25c; 100, $1.50 By parcel post, doz., 35c; 100, $1.85.

Prices, Potted Plants, doz., 50c; 100, $4.00. By parcel post, doz., 75c.

Cauliflower Plants.

Ready March 10th and Up to May 1st.

Early Snow Ball	Danish Giant

Prices, Strong Hotbed Stock, doz., 20c; 50, 50c; 100, 75c. By parcel post, doz., 30c; 50, 65c; 100, $1.00.

Lettuce Plants.

Ready March 10th and Up to May 1st.

Big Boston	Large White Cabbage Head

Prices, Hotbed Stock, 50 for 25c; 100, 40c; 1000, $3.00. By parcel post, 50 for 35c; 100, 60c.

Celery Plants.

Ready April 15th and Up to June 1st.

Hend White Plume	Golden Self-Blanching

Prices, Hotbed Stock, doz., 15c; 50, 35c; 100, 50c; 500, $2.00. By parcel post, doz., 25c; 50, 50c; 100, 75c; 500, $2.50.

ALL CLAIMS

Must be made on receipt of goods. Our responsibility ceases after goods are delivered to transportation company, and we can assume no liability after delivery to railroad company. We will gladly file claims for losses against transportation companies, but will not refill the order, as we sell goods f.o.b. Memphis.

Sweet Potato Plants.

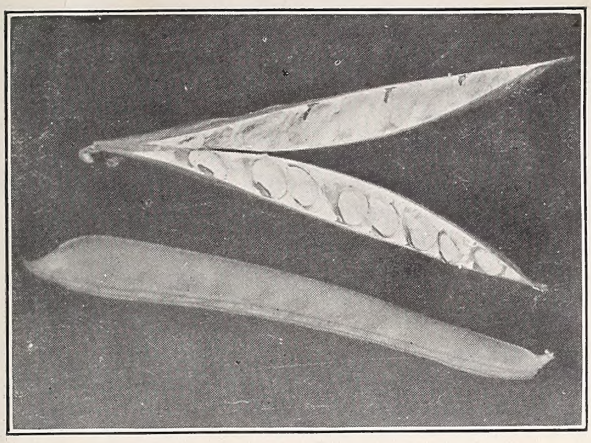
Ready April 25th and Up to July 1st.

Gold Coin Bunch Yam	Early Triumph	Red Brazilian
Bunch Yellow Yam	Nancy Hall	Yellow Yam

Prices, per 100, 25c; 1000, $2.25; 5000, $10.00. By parcel post, per 100, 40c; 500, $1.75.

Florida Yam Sweet Potato Plants.

A new variety from the South, which is superior to the now well known Nancy Hall, being earlier and more productive, while fully equal in quality. The outside skin is a deep golden yellow, flesh darker yellow and superb in quality. The tubers are not quite as long as the Nancy Hall, however, they are smooth and regular. The vines run, making it a very productive variety. We were fortunate in growing a lot of nice seed the past season, and will have plants or draws ready May 15th. **Price, per 100, 50c; 500 for $2.25; 1000 for $4.00. By parcel post, per 100, 75c; 500 for $2.75.**



Texas Sword or Stock Bean.

This new stock bean makes a rank but upright growth, the plant resembling a cotton stalk when in full leaf. Stands drouth to a remarkable degree. Cattle and hogs eat the leaves and stems and beans, especially so after frost hits the plant, affording splendid pasture for all stock. The stubble then turned under adds much fertilizer to the soil, in this respect very similar to the Soy and Velvet Beans. As the roots are thickly covered with nodules, the plant producing more roots than either Soy or Velvet beans, therefore more valuable for fertilizing purposes. Plant from April to June in 3-foot rows, eighteen inches apart, one bean to the hill, as they never fail to come to a good stand. Requires ½ bushel to the acre. Do not fail to plant a few acres in this splendid new forage plant. **Price, 1 qt., 50c; 4 qts., $1.10; pk., $1.85, parcel post paid. By express, at buyer's expense, 1 qt., 40c; 4 qts., 90c; pk., $1.50; bu., 60 lbs., $5.50.**

The Early Bird Velvet Bean.

The most valuable of all Velvet Beans, on account of the extreme earliness. Vines and beans worth double Cow Peas. They can be planted after oats in May and will mature in time for fall grain planting, a quick September grazer or for turning under for soil manuring. This new variety is ten days earlier than the Yokahomas, having been planted April 20th and crop matured September 20th. Decidedly the most prolific and earliest variety of Velvet Beans yet introduced. Plant in rows 3 feet apart, dropping two beans every twelve inches. Requires 1 peck to the acre. They can be planted in the corn for pasturage and fertilizer. Supply of seed limited, so order early. **Price, 1 qt., 50c; 4 qts., $1.60; pk., $2.85, parcel post paid. By freight, at buyer's expense, 1 qt., 40c; 4 qts., $1.40; pk., $2.50; bu., 60 lbs., $8.50.**

Sudan Grass.

The emancipator of the South, which will solve the hay problem. A new forage crop of immense value to our Southern States, yielding from two to four tons of good hay to the acre, which is greatly relished by all stock. The plant grows six to eight feet high, therefore easy to harvest. Makes two and three cuttings in a season, resists drouth, therefore yields in dry sections where other grasses are a failure. Plant in rows in April, 2 to 3 pounds to the acre. Also sown broadcast 16 pounds to the acre. Ask for circulars giving further information on Sudan Grass. **Price, 1 lb., $1.00; 10 lb., $7.75, parcel post paid. By freight, not prepaid, 1 lb., 90c; 10 lb., $7.50.**

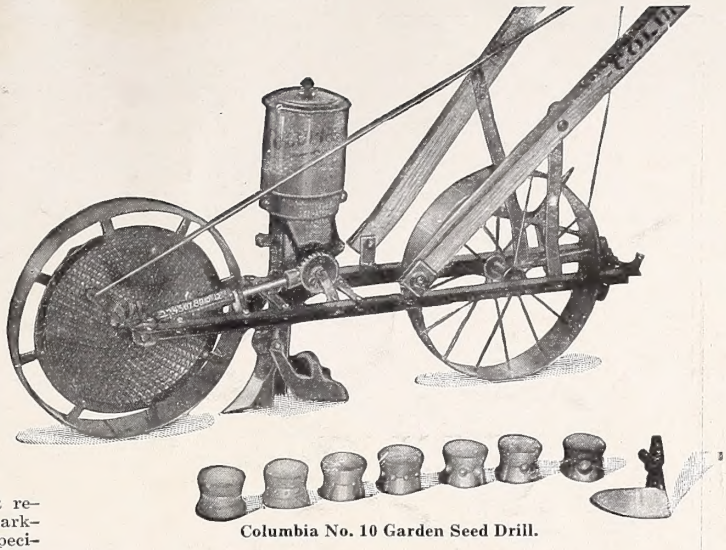
Double Sunlight Hotbed Sash.

Made with a double layer of glass enclosing ⅝ inch air space between the two layers. Lets in the light always. Never has to be covered or uncovered; no boards or mats needed. Retains the heat; excludes the cold; glass slips in; no putty; can not work loose; easily repaired. **Price, sash 3x6 feet, painted and glazed both sides, each $4.50; 5 for $20.00, f.o.b. factory.**

Clipper Seed Cleaner.

This is an up-draft fanning-mill and does the best work in cleaning all kinds of seed and grain; more of these are used by seed dealers than all other makes combined, and farmers would save the price of a mill in many cases by cleaning and grading up their grain before selling. A Clipper will pay for itself in one year by the increase in yield resulting from carefully cleaned seed grain. **Price, only $25.00, or if sent direct from the factory in Michigan, only $22.00.**

If you have any difficulty in securing a stand of Clover or Alfalfa, try **FARMOGERM—It Will Pay You**

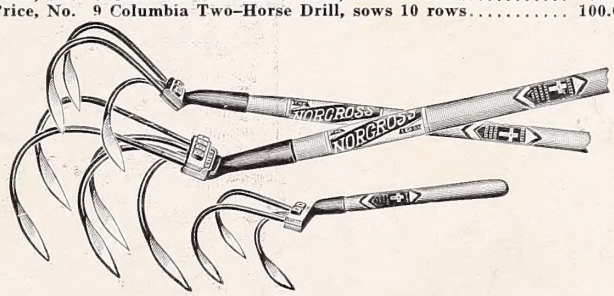


Columbia No. 10 Garden Seed Drill.

The Columbia Seed Drill.

Will sow any kind of garden seed, large or small. The Columbia is the most complete and certain planter in the world, at the same time being very simple and easy to operate, being built on plain but scientific lines. The seed drops immediately into the cells or pockets formed in the seed cylinders, where nothing can disturb it, and is carried into the ground by revolutions of the cylinder. The Columbia Planter can be supplied plain and with the fertilizer attachment, either for hand or horse work. Write for catalogue and little booklet "Seed And Sowing" at once.

Price, No. 10 Columbia Plain Seed Drill ..... $ 11.50
Price, No. 11 Columbia Drill with Fertilizer Attachment..... 14.00
Price, No. 5 Columbia One-Horse Drill, sows 5 rows..... 65.00
Price, No. 9 Columbia Two-Horse Drill, sows 10 rows..... 100.00



Norcross Cultivator Hoes and Weeders.

Are among the most modern tools for garden and flowers. They are light and strong and cost but little more than the common hoe—accomplish much more and better work with less labor. They cultivate the soil. Made in three sizes.

Price, 5-prong, 4-ft. handle, each..... $ .75; by parcel post, $1.10
Price, 3-prong, 4-ft. handle, each..... .50; by parcel post, .80
Price, 3-prong, Midget, 9-in. handle, each.... .25; by parcel post, .35

The Standard Sprayer.

A general purpose sprayer, suitable for every spraying need. Made entirely of brass, with two solid brass ball valves. No leather suckers or washers, no castings to rust, no leaking joints, nothing to get out of order. Sprays orchards, large or small, potatoes or truck crops. Sprays whitewash, any cattle dip or disinfectants. Write for circulars. **Price, Standard Sprayer, $4.00; by parcel post, $4.25. Price Standard Sprayer with Knapsack Tank, $7.00; by parcel post, $7.75.**

Eggs For Setting.

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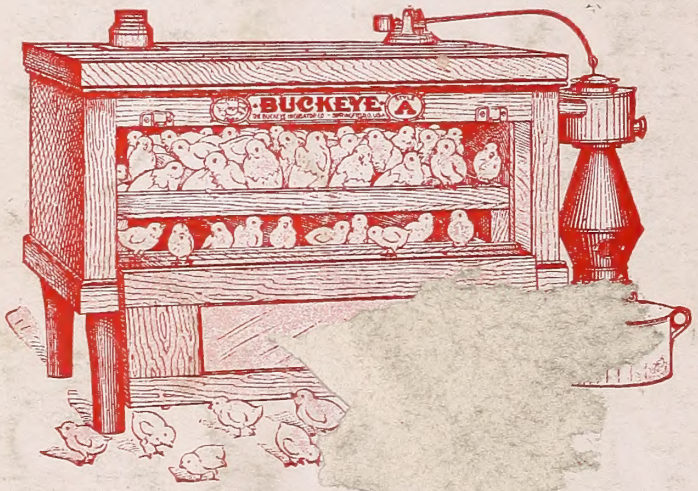

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